

Dormitories Discuss In-House Dining Plans

By Waseem S. Daher

MacGregor House and McCormick Hall are discussing reopening in-house dining halls that were closed ten years ago because MIT's dining contractor could not make money off of them.

The idea is receiving serious consideration by the dormitories and MIT administrators led by Larry G. Benedict, the dean for student life.

"We're exploring what it would take from an engineering standpoint," said Richard D. Berlin III, the director of campus dining.

McCormick and MacGregor dining would likely be patterned after existing models in Simmons, Baker, and Next House, where students make a mandatory down payment of \$200 at the beginning of the year and are reimbursed during the year with a 50 percent discount on meals, Berlin said.

East Campus is unlikely to have a dining hall in the near future because it does not have the appropriate facilities, Berlin said.

Currently, the main dining hall for East Campus is Walker Dining, which will be relocated to the Stata Center when it opens. Benedict has predicted a March or April 2004

opening.

Dorms consider dining possibility

"We've been looking into reopening the McCormick dining hall for about four or five years," said Professor Charles Stewart III, the McCormick housemaster.

"The McCormick dining hall was a great place to go to ten years ago, and we'd like to bring that back," Stewart said.

Last spring, McCormick's dining committee investigated the issue by administering a survey to McCormick residents "to try to ascertain what people's dining habits were [and] what kind of options they were interested in," he said.

"We've gotten some good feedback," Stewart said.

McCormick currently offers an optional all-you-can-eat buffet-style dinner on Wednesdays to its residents for \$6.50 per meal.

While MacGregor is also investigating the possibility of reopening its dining facility, this would not replace its store, Campus Convenience.

"[The store] has a different role than a dining hall ... it fills an important niche," Berlin said. He said the distinction is that students



Maria E. Tanner '04 and Dan A. Nunes '04 serve themselves from the weekly buffet at McCormick Dining.

often stop by the store for a small snack such as a candy bar or a soda, especially late at night.

Students have mixed reactions

Residents have different views about the possibility of having a meal plan.

Yee K. Wong '07, a McCormick resident, said that she would definitely participate in a new McCormick dining program.

However, while residential dining halls are convenient for some

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Faculty To Review GIRs

By Beckett W. Sterner

NEWS EDITOR

MIT will launch a review of the undergraduate General Institute Requirements to consider the effects of changes that have occurred in the student body.

In the next month, MIT President Charles M. Vest said he will appoint a task force responsible for reevaluating the GIRs, including the common science requirements for all freshmen, such as Physics I (8.01).

Dean for Undergraduate Education Robert P. Redwine said at the Sept. 17 faculty meeting that the reasons for conducting the review included a broadening and diversification of the student body over the past decades, a desire to introduce more hands on experiences, and a dissatisfaction with the Institute Laboratory requirement.

"I've heard no discussion up to now that we have a system that is

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Daytime Shuttle to Start in December

By Gireeja V. Ranade

MIT transportation will offer a Boston Winter Shuttle this year to bring students back and forth across the Charles River during the day.

The shuttle will run from December through April, except for the January Independent Activities Period, said Lawrence R. Brutti, the operations manager of the MIT Parking and Transportation Office.

The shuttle will run every half hour, from 8 a.m. to 6 p.m., said David N. Rogers, the director of fraternities, sororities, and independent

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OCW Posts 500th Class

By Beckett W. Sterner

NEWS EDITOR

Yesterday, the OpenCourseWare project published course materials in its 500th MIT class, at <http://ocw.mit.edu>.

The project offers syllabi, lecture notes, homework assignments, and exams in MIT classes for free on the Web, and has received 115 million hits from across the nation and other countries since it first opened in spring 2001, said Jon P. Potts, the OCW communications manager.

Potts said that the goal is to have 1,800 courses available by 2007. He said that MIT has approximately 2,000 total courses right now, but that approximately 200 of them are not easily transferred online because they are held in the form of discussion sections.

OCW has so far been funded by two \$5.5-million grants from the William and Flora Hewlett Foundation and the Andrew W. Mellon Foundation, and \$2 million from MIT, Potts said.

"That will carry us until the end of this calendar year," he said. OCW is currently applying for a second round of funding, he said.

Franco Modigliani

Institute Professor Emeritus Franco Modigliani passed away in sleep on Friday. He was 85.

In 1985, he and his student Richard Brumberg received the Nobel Memorial Prize in Economic Science for his life-cycle hypothesis, which he developed at the Carnegie Institute of Technology, now Carnegie Mellon University. Modigliani and Brumberg disagreed with previous theories that people saved money only if they were rich, or in other words, if they had money available to save. Modigliani argued the opposite, and theorized that people save early on in their lives and become wealthier as a result. Then, in old age, they spend the wealth that they have accumulated.

With Merton H. Miller, he also showed that heavy debt by itself does not affect a corporation's value, and disproved a previous hypothesis that too much debt would ruin a company because the company would not be able to repay it.

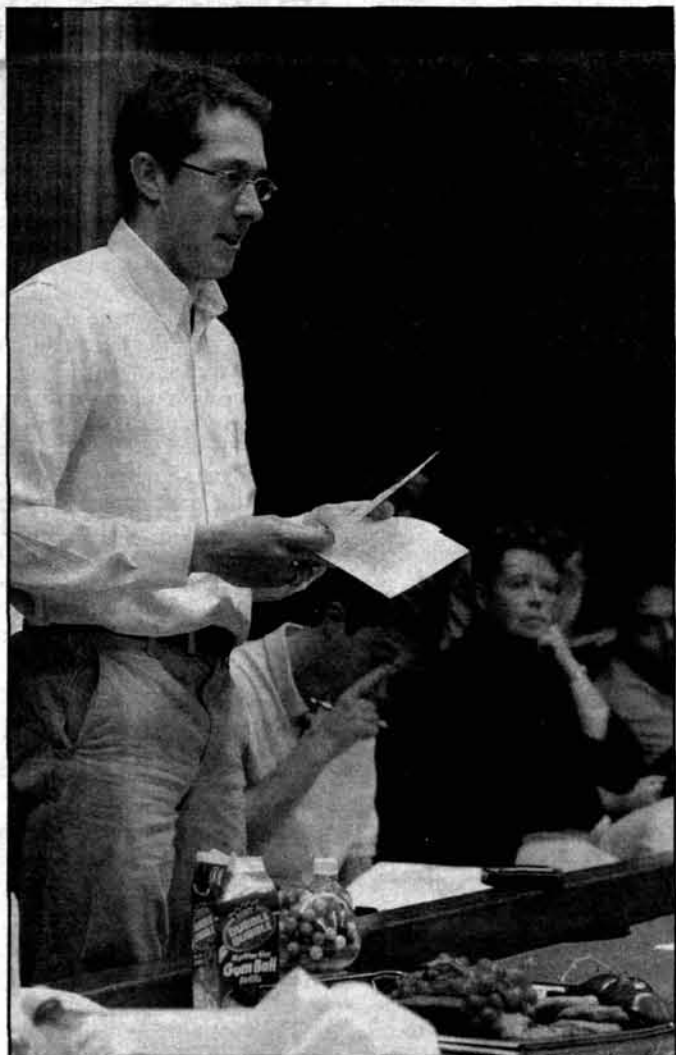
"He was the greatest living macroeconomist," Professor Emeritus Paul A. Samuelson told *The Boston Globe*. "He could have gotten a Nobel Prize for several different subjects."

"Franco was a giant among economists and played a decisive role in the intellectual development of corporate finance," Dean Richard Schmalensee '65 of the Sloan School of Management said in a statement. "His legendary enthusiasm and intensity never flagged. He inspired generations of students and colleagues with his passion for using economics to benefit society."

Modigliani was a member of the National Academy of Sciences and the American Academy of Arts and Sciences.

He joined MIT in 1960 as a visiting professor. He taught at MIT for 28 years until his retirement in 1988. He continued to teach a course each spring, according to the *Times*.

He is survived by his wife, two sons, four grandchildren, and three great-grandchildren, the News Office said in a statement. MIT is planning a memorial service.



Jonathan A. Goler G asks to be allowed to hang a flag outside his dormitory window at the Undergraduate Association Senate meeting Monday night. Housing Director Karen A. Nilsson, who threatened Goler with eviction until he brought his flag inside, looked on. The Senate heard presentations from each side and will discuss the issue at next week's meeting.



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SPORTS

The Tech's sports department knows exactly who will win the first-round baseball playoffs. Don't bother watching; just flip to

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WORLD & NATION

95% Of Mass. Students Pass MCAS

THE BOSTON GLOBE

After several attempts, about 95 percent of Massachusetts high school students in the class of 2003 have cleared the MCAS graduation requirement, according to results released Monday by elated state education leaders.

Nearly 57,000 students from last year's senior class have passed the MCAS test, leaving about 3,300 students still struggling to get over the bar, the Department of Education announced. Minority, special-education, and limited-English students all gained ground on their white and regular-education counterparts, passing in far greater numbers than on their first attempt two years ago.

The class of 2003 was the first to pass the 10th-grade English and math sections of the Massachusetts Comprehensive Assessment System exam, known as one of the nation's toughest standardized tests. Just 68 percent of students in the class passed it on their first try in May 2001.

Now, after five retests, a renewed emphasis in high schools on test-taking skills, and school days crammed with extra English and math courses, the cumulative 95-percent pass rate far exceeds state Education Commissioner David P. Driscoll's original predictions.

BU Said To Win Bid For Bioterror Defense Lab

THE BOSTON GLOBE

Federal health officials are expected to announce Tuesday that Boston University Medical Center has won a hard-fought national competition to build and run a high-security bioterror defense laboratory in the heart of the South End, a project with the promise of generating \$1.6 billion in research grants, according to sources knowledgeable about the selection.

The facility, known as a Biosafety Level 4 lab, would be a cornerstone in the Bush administration's expanding campaign to prepare for potential acts of bioterrorism, housing hundreds of scientists as they hunt for vaccines and treatments against the deadliest germs and viruses known to mankind, including anthrax, plague, and smallpox.

The lab would be unlike anything Boston's medical community has ever seen, with extraordinary measures taken to assure that lethal agents cannot escape. At the nation's three operational Level 4 research centers, armed guards prowl checkpoints, labyrinths of hallways make quick escape impossible, and scientists in laboratory space suits manipulate mechanical hands to work with deadly compounds.

Prosecutors Look To Give Court Clear Choice In Moussaoui Case

THE NEW YORK TIMES

WASHINGTON

Bush administration officials said Monday that federal prosecutors had decided not to object to a motion to dismiss the indictment of Zacarias Moussaoui because they wanted to present an appeals court with a blunt choice: Reinstate the charges or acknowledge that civilian courts cannot prosecute a terror suspect like Moussaoui.

The trial judge, Leonie M. Brinkema of the U.S. District Court in Alexandria, Va., is expected to rule this week on a defense motion to dismiss the indictment of Moussaoui, the only person charged in a U.S. court with conspiring in the terror attacks on Sept. 11, 2001.

Brinkema has suggested she may dismiss the case because of the government's refusal to obey her order to make captured Qaida prisoners available to testify for the defense. Court-appointed lawyers for Moussaoui have argued, and the judge has agreed, that the prisoners may be able to offer testimony showing he had no part in the conspiracy.

But the Justice Department has said the government cannot produce captured Qaida witnesses, even those who may have helped direct Moussaoui's actions, because of the possible public disclosure of classified information. Prosecutors have argued that because the witnesses are held overseas as enemy combatants, Moussaoui has no right to question them.

WEATHER

By Vikram M. Khade

Yesterday the National Hurricane Center issued advisories on tropical storms Kate and Juan. Kate was located near 28.8°N and 37.6°W at midday. This storm is expected to move northeast. The estimated minimum central pressure was 991 mB with maximum sustained winds of 70 mph with gusts up to 85 mph. Tomorrow the center of Kate is expected to be near 31.6°N and 36.8°W. (MIT is at 42.36°N and 71.09°W.)

The center of Juan passed over the southern coast of Nova Scotia west of Halifax Sunday night, with the highest reported winds being 62 mph. The Category 1 hurricane (the weakest possible) was downgraded to a tropical storm shortly after making landfall in the Halifax area around midnight. Juan drenched Prince Edward Island, uprooting trees and cutting power lines. Incidentally, yesterday was election day on the island.

A tropical disturbance associated with a large-surface low-pressure system was centered over the northern Yucatan peninsula and was drifting slowly north-northwest. This could produce a tropical depression when the low emerges into the Gulf of Mexico. This system is likely to produce locally heavy rainfall over the next couple of days.

Extended Forecast

Today: Mostly sunny. High near 64°F (18°C).

Tonight: Partly cloudy. Lows near 48°F (9°C).

Tomorrow: Cloudy with few showers. High near 62°F (17°C).

Thursday: Partly cloudy with chance of showers. High near 61°F (16°C) and low near 43°F (6°C).

Secret CIA Agent Not Named By Karl Rove, W. House Says

By Eric Lichtblau and Richard W. Stevenson

THE NEW YORK TIMES

WASHINGTON

The White House on Monday dismissed as "ridiculous" the suggestion that Karl Rove, senior adviser to President Bush, had illegally disclosed the identity of an undercover CIA officer, as the FBI opened an investigation into the case.

At the same time, the White House rejected growing calls from Democrats for the appointment of a special outside counsel to determine whether someone in the administration had disclosed the officer's identity in an effort at punishment for criticism of its Iraqi intelligence by the officer's husband.

Asked if there was a need for an independent counsel, Scott McClellan, the White House spokesman, said, "At this point, I think the Department of Justice would be the appropriate one to look into a matter like this."

Pressed on whether there would

be a potential conflict of interest for Attorney General John Ashcroft to oversee an investigation that could have immense political implications for Bush, McClellan said that there were "a lot of career professionals" at the Justice Department and that "they're the ones that, if something like this happened, should look into it."

The growing furor underscored the Bush administration's continued political vulnerability on the issue of whether it exaggerated the threat from Iraq before the war. The developments also raised questions about the relationship between the White House and George J. Tenet, the director of central intelligence.

It was the CIA's general counsel who asked the Justice Department to open an inquiry into the July newspaper column, by the syndicated writer Robert Novak, that named an undercover CIA agent.

The firestorm over the leak comes at a time when even some Republicans in Congress are begin-

ning to cast a more skeptical eye on the administration's use of intelligence to make its case against Iraq. In an interim assessment made public over the weekend, the senior Republican and senior Democrat on the House Intelligence Committee said there were "too many uncertainties" in the intelligence underlying the National Intelligence Estimate used by the administration to justify the war.

The White House sought on Monday to head off the calls for a special counsel as numerous Democratic lawmakers and presidential candidates said they doubted that the Justice Department could investigate without at least the appearance of a conflict of interest.

One Democratic presidential candidate, Sen. Joseph I. Lieberman of Connecticut, said the situation was reason enough to revive the independent counsel law, which Congress allowed to die in 1999 after widespread concern over Kenneth W. Starr's Whitewater investigation.

FCC Will Enforce Telemarketer Do-not-call List, Chairman Says

By Matt Richtel with Richard W. Stevenson

THE NEW YORK TIMES

The chairman of the Federal Communications Commission said Monday that the agency would enforce restrictions on unwanted telephone solicitations that were scheduled to take effect Wednesday.

The announcement came after two federal court rulings last week preventing the Federal Trade Commission — the agency that has been taking the lead on the issue — from enforcing a national do-not-call list.

"The FCC will enforce its do-not-call rules against telemarketers that have obtained the do-not-call list from the FTC, beginning Wednesday," Michael K. Powell, the FCC chairman, said.

Some 50 million Americans have signed up for the list since July. Under the law, telemarketers who call numbers on the list can be fined up to \$11,000 for each violation.

Monday, the telemarketing industry asked the Supreme Court to block the FCC from enforcing the new regulations, but the court declined to

issue an emergency stay, allowing the agency to move forward for now.

Even as the push to regulate telemarketing became entangled in legal fights, politicians remained steadfast in their intent to deliver relief to millions of Americans tired of answering telemarketing calls.

In a White House ceremony Monday, President Bush signed a law giving the Federal Trade Commission explicit authority to enforce the do-not-call list. That law was passed with near unanimous approval by Congress last week after a federal judge in Oklahoma ruled that Congress had not given authority to the trade commission to administer such a list.

Bush generally supports reducing regulation of business. But in this case, political strategists said, public opinion in favor of limiting telemarketers' calls is so strong that Bush had little choice but to support the legislation.

"While many good people work in the telemarketing industry, the public is understandably losing patience with these unwanted phone calls, unwanted intrusions," Bush

said. "And given a choice, Americans prefer not to receive random sales pitches at all hours of the day."

While noting that the registry is under legal challenges, Bush said that the "conclusion of the American people and the legislative branch and the executive branch is beyond question."

But Congress' clarification of trade commission's authority on the registry does not answer all the legal questions. Last Thursday, Judge Edward W. Nottingham of the U.S. District Court in Denver ruled that the trade commission's regulations violated the free speech rights of telemarketers. Monday he denied a request to stay the judgment; the agency has filed an appeal.

The jurisdictional confusion is in part the result of having both the trade commission and the FCC jointly promulgating do-not-call rules. Because the trade commission has been the lead agency, it has collected the names of consumers who wish to have their phone numbers blocked, and has established a procedure for providing those numbers to telemarketers.

Iraqi Group To Report Deadlock On Method to Draft Constitution

By Patrick E. Tyler

THE NEW YORK TIMES

BAGHDAD, IRAQ

As the Iraqi Governing Council presses for a more rapid end to the American occupation and a transfer of sovereignty to Iraqis, a new dispute over who will control the drafting of an Iraqi constitution is bringing to the surface deep divisions among Shiites, Sunnis and Kurds.

A 25-member committee of Iraqi officials, who have been deliberating for two months to recommend a procedure for drafting the constitution, said they were deadlocked.

Their report, expected on Tuesday, is likely to send the complex questions of who should draft a new founding document back to the Governing Council and the occupation authorities. Last week, Secretary of State Colin L. Powell challenged Iraqis to complete a new constitution within six months, but committee members said that goal would be all

but impossible to achieve.

In interviews, members of the committee said that religious and ethnic differences were to blame for their deadlock. Neither the occupation powers nor the United Nations, whose presence here has been sharply reduced after two bomb attacks on its Baghdad headquarters, have tried, the committee members said, to overcome old suspicions between Sunnis and Shiites that one group will try to dominate the other.

One member said the exercise had in effect become a device to defer a complex political negotiation that is crucial to defusing any potential for civil conflict. The report is expected to bring the issue out into the open.

At the core of the dispute is whether to hold elections for a constitutional assembly, a step that some members fear would allow Shiites to dominate the process.

The top Shiite religious leader, Grand Ayatollah Ali Hussein al-Sis-

tani, insists that a national census be organized to affirm the Shiites' majority of 60 percent to 65 percent of the population, followed by an election for the constitutional assembly.

The committee voted 24-0 on Sept. 8 to endorse this proposal, but a number of members said they had grave reservations and were quietly pushing for some alternative.

Even if procedures can be agreed on, it could take a year or more to draft a constitution, some committee members predict.

"We need time," said Fuad Mas-soum, a Kurdish leader who is chairman of the committee. "This is why a census is so important. We must reach agreement of all the members of the Iraqi mosaic."

He also said the process would likely need the help of the United Nations or a prominent international leader to ensure that each major ethnic and religious group believes that its rights have been protected.

Uninsured Swell to 15 Percent

By Robert Pear
THE NEW YORK TIMES

WASHINGTON

The number of people without health insurance shot up last year by 2.4 million, the largest increase in a decade, raising the total to 43.6 million, as health costs soared and many workers lost coverage provided by employers, the Census Bureau reported Monday.

The increase brought the proportion of people who were uninsured to 15.2 percent, from 14.6 percent in 2001. The figure remained lower than the recent peak of 16.3 percent in 1998.

A continued erosion of employer-sponsored coverage was the main reason for the latest increase, the bureau said. Public programs, especially Medicaid, covered more people and cushioned the loss of employer-sponsored health insurance but "not enough to offset the decline in private coverage," the report said.

The proportion of Americans with insurance from employers declined to 61.3 percent, from 62.6

percent in 2001 and 63.6 percent in 2000. The number of people with employer-sponsored coverage fell last year by 1.3 million, to 175.3 million, even as the total population grew by 3.9 million.

Tommy G. Thompson, the secretary of health and human services, said the numbers showed that "the nation must do more" to help the uninsured. Thompson said that Congress should provide tax credits for the purchase of private insurance.

But no action is imminent. Congress is preoccupied with efforts to help a large, politically potent group that already has insurance, the elderly, by adding drug benefits to Medicare.

Ronald F. Pollack, executive director of Families USA, a liberal-leaning consumer group, said: "It's hard to grasp the magnitude of the number of uninsured. It exceeds the aggregate population of 24 states."

The number of full-time workers without health insurance rose by 897,000 last year, to 19.9 million. Kate Sullivan, director of health

care policy at the U.S. Chamber of Commerce, said the increase was alarming and predicted it would continue this year.

"Workplace coverage is becoming unaffordable for many employers and employees," Sullivan said.

On Friday, the Census Bureau reported that poverty rose in 2002 for the second consecutive year. The poverty rate generally declines when the economy expands, but there is no guarantee that the number of uninsured will also decline.

The number of uninsured increased each year from 1987 to 1998, even when the economy was booming. Small businesses accounted for many of the new jobs then, and such businesses are far less likely to provide insurance.

Health policy experts said the number of uninsured was likely to rise this year because the job market remains weak and many states have cut back their Medicaid programs. The unemployment rate was higher in 2002 than in 2001 and has climbed a bit further this year.

Officials Concerned About SARS Infections by Lab Contamination

THE NEW YORK TIMES

In their vigil for a possible return of SARS, health officials have focused mainly on finding where the virus hides in nature.

But the case of severe acute respiratory syndrome in a 27-year-old doctoral student in Singapore has shown an equally important risk — escape of the virus from a laboratory.

The case adds to thousands of other infections accidentally acquired in a laboratory over the years.

Last week, a World Health Organization committee that investigated the case concluded that the student most likely became infected in August through contamination in a laboratory where he worked on another virus.

"Inappropriate laboratory standards and a cross-contamination of West Nile virus samples with SARS coronavirus in the laboratory led to the infection of the doctoral student," the committee reported.

In a separate incident that occurred after the Singapore case was detected, the Chinese University of Hong Kong halted work on growing the SARS virus, officials said last week.

University workers followed the

standards for the second-highest security laboratory, known as a BSL-3 facility. But some equipment they used did not meet security standards.

The findings underscore that a laboratory can be a hazardous place for workers and potentially for the public unless the staff members are disciplined and trained to prevent accidental infection.

Although the Singapore student did not transmit the virus to other people, and no infection is known to have resulted from the problem in Hong Kong, experts view these incidents as a wake-up call.

They point to gaps that exist in putting biosafety standards into practice, even in high-tech countries and prestigious universities.

For example, Yale has experienced two accidents. In 1969, a laboratory worker who helped discover the Lassa fever virus at Yale died of an accidental infection. In 1994, another Yale researcher survived infection with the Sabia virus, a cause of hemorrhagic fever.

A notorious accident occurred in 1979 when the smallpox virus escaped from a laboratory at the University of Birmingham in England. It infected two people, one

fatally, months after epidemiologists had rid the world of smallpox.

No additional spread occurred, preserving the disease's eradication. But the scientist in charge of the laboratory committed suicide.

Now, many laboratories around the world have stored thousands of SARS specimens in freezers, ready to be thawed as needed. The WHO has cautioned China and other countries that accidents may occur in laboratories where there is little experience with dangerous infectious agents.

Also, as many governments have increased spending to counter the threat of emerging diseases and bioterrorism, many laboratories have hired more people. But some of them may have insufficient training in dealing with such agents.

Biosafety experts say many laboratory workers must change their attitudes toward safety.

Some workers do not practice what they were taught in biosafety courses. For some scientists, the experts say, doing the research is more important than doing the research safely.

Laboratories can be likened to kitchens. Failure to clean dishes properly can cause an outbreak of food-borne disease.

Two Boston Companies: 1 Hot, 1 Cold, Result in Two Very Different Outcomes

By Floyd Norris
THE NEW YORK TIMES

They were the two most notable initial public offerings of January 2000. One was cold, and one was very hot. Now the underwriter of the hot offering is on trial, and buyers of the cold one are counting their profits.

Together, the tales of the two companies reinforce the eternal truth that the things investors crave the most can turn out to be the least worth owning — and vice versa. In an unusual symmetry, buyers of the cold offering have made 99 percent while purchasers of the hot one have lost 99 percent.

The hot offering was 724 Solutions, an Internet company that was long on buzz but had never made money. Its lifetime revenues came to \$1.3 million. It went public on Jan. 27, the first offering of the new year from Credit Suisse First Boston, whose technology team had scored the biggest gains of any underwriter of new issues in 1999. Within weeks it was up 800 percent.

The cold offering went public a day earlier. John Hancock Financial,

which traced its history back to 1862 but was viewed as a stodgy company in a boring industry, raised \$1.7 billion in the offering. It was the biggest of the month, but the price soon fell.

On Sunday, the cold stock, John Hancock, announced that it had agreed to be acquired by Manulife, a Canadian insurance company, in an all-stock transaction that values Hancock at roughly twice the price at which it went public in 2000.

On Monday, jury selection began in New York for the trial of Frank P. Quattrone, who as the head of the technology team at Credit Suisse First Boston was responsible for underwriting the 724 Solutions offering. Quattrone is accused of telling his assistants to destroy documents after an investigation of initial public offering abuses had been begun by securities regulators.

The federal trial does not directly involve any offerings, but the National Association of Securities Dealers, a regulatory organization, has accused Quattrone of violating its rules in seeking underwriting business from companies including 724 Solutions.

The NASD said Quattrone let

officials of technology companies in on hot offerings to gain their favor for future offerings.

According to the NASD charges, which are pending, Quattrone sought the 724 Solutions underwriting with a "pitch book" promising that the firm's analyst, Marc A. Cabi, would "pound the table" and be the "strongest advocate" for the company, which had hopes of establishing its technology in mobile networking.

Cabi did strongly recommend the shares, and they were an instant hit. When the company filed to go public, it mentioned a price range of \$11 to \$13 a share. But the offering was priced at \$26 and leaped to almost \$72 the first day. On March 9, as the Internet fever peaked, the shares traded as high as \$240.

Last year, Credit Suisse First Boston agreed to pay \$100 million to settle charges by the Securities and Exchange Commission and NASD that it had forced some buyers of hot initial public offerings from April 1999 through June 2000 to share their profits with the firm through such methods as charging excess commissions on other trades.

States Fail To Meet No-Smoking Goals For Women

THE NEW YORK TIMES

Tobacco-related diseases are still the leading cause of preventable death in women, and most states are not meeting the nation's goals to discourage women from smoking, according to a report being released on Tuesday by the National Women's Law Center and Oregon Health and Science University.

Thirty-nine states earned a failing grade when judged by a list of criteria from the Department of Health and Human Services and on the strength of their tobacco control policies. The nation overall also earned a failing grade.

"Where we are in the United States is pretty appalling," said Dr. Michelle Berlin, an author of the study with Oregon Health and Science's Center for Women's Health. "The link between smoking and lung cancer is one of the strongest we know of. Yet more women are dying from lung cancer each year than they are from breast cancer."

"This reminds us that we have a long way to go with regard to tobacco use among women," said Dr. Corinne Husten, chief of epidemiology at the office on smoking and health at the Centers for Disease Control and Prevention. "It reinforces the need for comprehensive state tobacco control programs."

Blair Faces Fight To Salvage His Government

THE NEW YORK TIMES

BOURNEMOUTH, ENGLAND

Early in his tenure, Prime Minister Tony Blair faced an explosive charge that his government did a political favor in return for a \$1.5 million party donation.

He went on television and said, "I think that most people who have dealt with me think that I am a pretty straight sort of guy."

Just like that, the crisis was over.

On Monday, his Labor Party, sullen and rebellious, meets in this Channel resort for its annual conference, and trust is no longer so easy to come by. Blair is fighting for his political life.

"Trust me" will only remind a skeptical nation of the last time they did," said Jonathan Freedland, a columnist at *The Guardian*, referring to the British government's attempt to justify the war in Iraq by saying Saddam Hussein had unconventional weapons.

Only six years ago, Blair won a landslide election, the leader of a party rebranded as "New Labor."

But New Labor's original stated purpose was to reform the creaking British welfare state, and polls show that voters are even more disenchanted with Blair's performance at home than with his actions abroad.

U.S. Charges Islamic Leader Who Met Bush

THE NEW YORK TIMES

ALEXANDRIA, VA.

A prominent Islamic leader who has met with President Bush and been an aggressive defender of militant Middle East causes was charged on Monday in connection with possible terrorist financing.

The leader, Abdurahman Alamoudi of Falls Church, Va., was detained on Sunday at Dulles International Airport in Virginia after a flight from London.

Federal prosecutors said Alamoudi had been arrested for making illegal trips to Libya and for accepting money from the Libyan government.

Alamoudi, a naturalized American citizen, was born in Eritrea and moved to the United States from Yemen in 1979. He is a former executive director of the American Muslim Council and is the president of the American Muslim Foundation. Those advocacy groups are based in Alexandria, Va., and Washington.

Last year, the American Muslim Foundation was among about two dozen Muslim groups, most in Northern Virginia, that were raided by customs agents looking for evidence of terrorist financing.

Alamoudi recently said he was the first person authorized by the Pentagon to nominate candidates to be Muslim chaplains.

That process is now being re-evaluated because of the arrest of a Muslim chaplain, on suspicion of spying, at the prison for militants and suspected terrorists in Guantanamo Bay, Cuba. Alamoudi stopped certifying chaplains several years ago.

In Court, ACLU Challenges Music Industry for BC Student

THE NEW YORK TIMES

Stepping up its involvement in the legal conflict over file sharing, the American Civil Liberties Union has filed a motion to stop attempts by the music industry to get the name of a Boston College student who is accused of being a large-scale file trader.

In court papers that were filed on Friday and will be announced on Monday, the group said that Boston College should not be forced to reveal the identity of the student.

The civil liberties group argued that the constitutional rights of its client, referred to as Jane Doe, would be violated if her college, which was also her Internet service provider, were forced to reveal her name.

The industry subpoena "seeks to strip Jane Doe of her fundamental right to anonymity," according to the group's court filings.

The industry subpoena is one of many recently filed under the Digital Millennium Copyright Act, a law that gives copyright holders broad powers to get the names of suspected infringers from Internet service providers.

But the civil liberties suit claims that the subpoenas, which can be issued with little judicial oversight or involvement, go beyond even what the law allows.

The group also claims that the law itself is unconstitutional, because it does not provide for the judicial review of requests or notification of the target of the investigation.

OPINION



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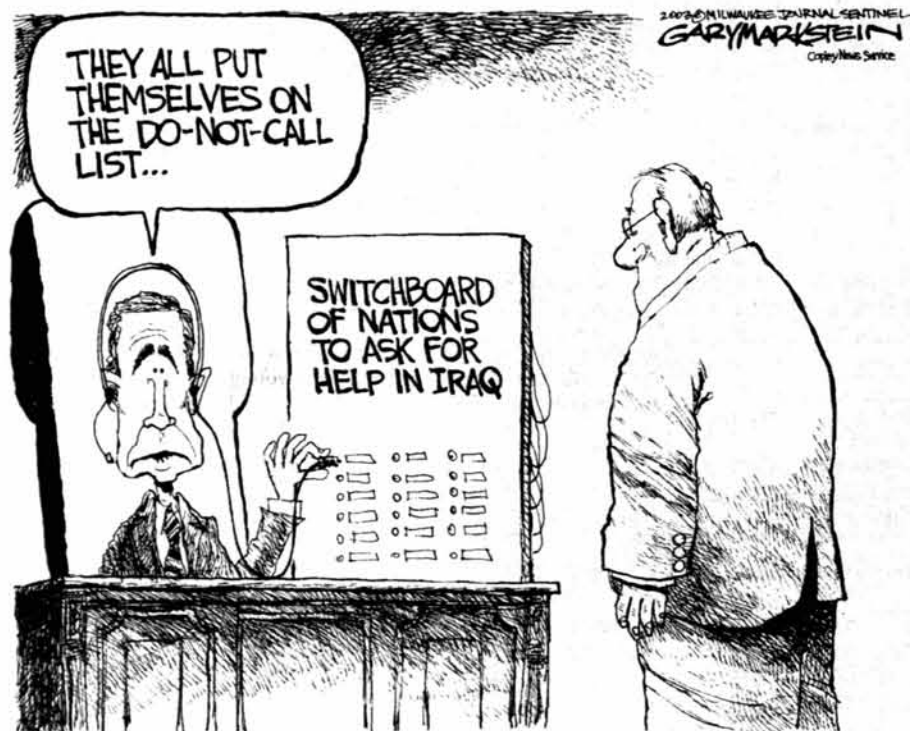
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Letters To The Editor

Must America Change?

I dispute some of the assertions and implications made by Basil Enwegbara in "Why America Must Change" [Sept. 23]. He claims (1) that the U.S. has in most cases obstructed democracy and capitalism in other nations, (2) it must lead the world in R&D investment (as if it did not already) to be great, (3) that it acts only in its interests and does not present an image of "an America that cares about the rest of the world."

Against the first, there is the example of South Korea, which is now a free and prosperous nation, for which most older Koreans who remember the old days are grateful. Among

them is my mother. I can list many other nations where the U.S. has helped to build freedom: Japan, Taiwan, the Philippines, Iraq, Afghanistan and so on.

Against the second are data from the 2002 NSF Indicators on Science and Engineering. In 1999 the U.S. spent more in R&D than all other G-7 countries combined, and recent trends suggest that difference will grow even wider. Among G-8 nations, the U.S. spends a larger percentage of its GDP on R&D than all but Japan.

Against the third I offer a few recent examples: the U.S. led the campaign to help Muslims in Kosovo, where its interests were neither obvious nor compelling; the U.S. will spend much rebuilding Iraq, more than is recoverable; the U.S. has pledged billions of

dollars to fight AIDS in Africa. Many criticize the U.S. for spending half to a third of what the EU spends in aid as a percent of GDP, but this neglects private aid sent with missionaries, NGOs, etc. According to the Hudson Institute, private aid is three times Federal aid. It also neglects America's unique military role. According to the Department of Defense's *Stars and Stripes*, the U.S. spends \$12 billion a year maintaining its forces in South Korea protecting freedom there. I do not know how much the U.S. spends in its many other deployments, like sanctions enforcement in Iraq, but it is no doubt many times more.

Mr. Enwegbara has a bold vision for what America must become. It is a vision, I believe, that America largely already is.

Shelby Jay Savage G

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Republican Environmental Awareness

Gretchen K. Aleks

Everyone, by now, is aware that Arnold Schwarzenegger, one of the many candidates trying to replace Gray Davis as governor of California, has, on numerous occasions, touted the Hummer — which gets around ten to twelve miles per gallon — even as he claims to be an environmentally-friendly candidate.

Mr. Schwarzenegger has zealously publicized his intention to retrofit one of his six Hummers with hydrogen-powered fuel cells. Less publicized, however, are the dirty tricks that Republicans in Congress are playing in order to ensure that all the other red-blooded, Hummer-owning Americans out there can afford gas to fill up their behemoths.

Right now, the House and Senate are negotiating an energy bill. Each house has already passed its own bill, and now those two versions must be reconciled. When the committee charged with this task successfully fuses the two bills, each house votes on the joint legislation. If this version passes, the bill goes to the president to be signed. Usually when a bill, especially one of this importance, goes to a conference committee, the group assigned to reconcile differences is a bipartisan group of legislators and designated aides. For this bill, however, the Republicans are relegating Democrats to the sidelines, and only talking among themselves. This method clearly subverts the democratic process, but it's a dangerous move on more than ideological grounds. Republicans on the conference committee are trying to sneak two important provisions into the joint bill that would result in environmental destruction.

The first backhanded provision is one to allow drilling in the Arctic National Wildlife Refuge. There's been a lot of talk since Bush was installed about opening up this pristine 19-million acre refuge in Alaska; thanks to foresight on the part of Democrats in the Senate,

this hasn't happened. Each time it has come up for a vote in the Senate — which it has several times, in both energy bills and budget bills — the notion has been rejected. The House, on the other hand, is not as sensible and passed, this spring, a provision to allow drilling in the refuge.

So, if you were a Republican, and on the present conference committee, and you weren't sharing any power, and you had two versions of the bill — one that allowed drilling and one that did not — and you had a predisposition to being a litterbug, what would you do? Probably put some language into the bill that allows drilling in the protected land. And, friends, that's what is happening right now. Oil and gas companies (the same half-baked people who cooked-up Cheney's original energy plan) are going to be allowed to explore the wildlife refuge if they confine production plants to 2,000 acres.

Two thousand acres doesn't sound like that much when we're talking about a nineteen million acre refuge, but let's keep in mind that nowhere does it say these 2,000 acres need to be contiguous. We can probably ruin most of the protected area just by spacing production facilities reasonably far apart. More importantly, however, is the fact that oil production doesn't just involve a hole in the ground at one specific site. They'll have to set up a system of pipes to get any oil out and roads to get the equipment in. Any amount of drilling in the refuge will cause irreparable damage to its pristine ecosystem.

The Republicans, however, are not content

to destroy the arctic wildlife refuge; they're also hell-bent on putting a provision in the bill that would allow more offshore drilling on both coasts. I suppose it makes sense: if you're willing to kill the caribou, what do a couple dead manatees and fish mean? Many coastal areas are not off limits to drilling, and putting this provision in the bill would open many of these

sites to exploitation. The reason that adding this provision would be such an underhanded move is because, unlike the Arctic National Wildlife Refuge, where at least the House voted to approve drilling, neither the House nor the Senate have approved increases in offshore drilling. In fact, the matter was not even brought to a vote in the Senate.

Clearly Senator Pete Domenici, R-N.M., the

chair of the conference committee, and his party cronies are okay with ignoring the wills of elected legislators, and by extension, the American public. Although this type of politicking happens all the time, the significance of this bill and the blatant disregard for standard procedures make this case especially egregious. Luckily, Massachusetts has two senators who are committed to protecting the environment and pushing for sustainable energy options. Kerry has filibustered to protect the refuge in the past, and Democratic leader Tom Daschle has indicated that there will be another filibuster should the Arctic National Wildlife Refuge provision be included in the bill. Students on this campus who would support such an action should contact senators from their home states to encourage them to sustain a filibuster.

The Republicans, however, are not content to destroy the arctic wildlife refuge; they're also hell-bent on putting a provision in the bill that would allow more offshore drilling on both coasts.

Votive Offering: How to Have Your Election Cake and Eat It Too

David Strozzi

When Californians vote in the recall election, they will be confronted with 135 candidates. Voting could prove harder than an 18.03 exam. Should a Republican vote for Schwarzenegger or McClintock? Running can be even more dangerous: why are dozens of sure losers running? Who will "cost" whom the election? Similar discussions happen in many elections, most notably the 2000 Presidential race. In particular, Ralph Nader and those who voted for him were accused of costing Gore the election.

As a Nader voter, I do not take these charges lightly. If Nader had not run, Gore would have won the election. One can speculate about what would have happened in 1992 if Perot hadn't run, and similarly for many other races. The outcome of these elections changes if additional losing candidates run.

In many elections, a third candidate produces a "spoiler effect." Voting for someone besides a front-runner does not affect who

wins. Third-party candidates are charged with "taking votes away" from the front-runner closer to their positions and costing him the election. Would-be third-party supporters realize this and hide their sincere preference by choosing a front-runner — the "lesser of two evils." These aspects of plurality voting are why we have a two and not multi-party system. Plurality voting leading to two-party systems can be seen in many countries, prompting political scientists to dub this trend "Duverger's Law."

These problems are a damning indictment not of third parties but of plurality voting

(where a voter selects one choice, and the choice with the most votes wins). Many voting systems lack these drawbacks, and we should consider using them instead. For example, the system I prefer is the Condorcet Method. Here, each voter ranks as many choices as they want to. The candidates are paired up and the rankings of the candidates are compared. This is done for every possible combination of candidates. If someone wins all her pairwise comparisons, she is shown to be preferred over every other candidate (the "Condorcet winner"), and she is elected. As a result, there is no spoiler effect: I could express my strong support for Nader and still take part in the contest between Bush and Gore.

Alas, there isn't always a Condorcet winner. This means the voters prefer A over B, B

over C, and C over A. This requires three candidates to have substantial support, and there are various methods to resolve this "cycle" and choose a winner. Condorcet does not produce this

cycle, but merely reveals it, since it really exists in the electorate's opinions.

The alternative system with the most momentum in the U.S., and currently used in Australia and Ireland, is instant runoff voting. As in Condorcet, a voter ranks her choices. If someone has a majority of the first-place votes, she wins. If not, the candidate with the fewest first-place votes is eliminated from the ballots. Each voter's rankings are renumbered to reflect this (e.g., if they ranked the eliminated candidate first, their second choice becomes their first choice, and so on). This

continues until someone has a majority.

Instant runoff voting eliminates the spoiler effect provided all but two candidates have weak support. However, a candidate who would beat two other candidates in pairwise races can lose an instant runoff election. One way this happens is if the "centrist" has the fewest first-place preferences, but many second-place preferences from supporters of each "extremist." Either an extremist wins, or supporters of one extremist rank the centrist first so he makes it to the second round (and beats the other extremist). Either the spoiler effect or strategic voting occurs. Notice that I discuss "preferences" and not "votes" precisely because voters are forced to use strategy and not vote their sincere preferences.

Approval voting approaches Condorcet's results in a simpler way. Each voter approves (without ranking) as many choices as she wants, and the candidate with the most approvals wins. This is almost always a Condorcet winner (if one exists). There is no spoiler effect to speak of. The downside is voters have to choose when to stop approving candidates. A simple rule, which is close to an optimal strategy, is to approve your favorite front-runner and every candidate you prefer over him. This assumes you can reliably identify front-runners, which only happens when there are strong historical precedents or accurate and stable polling data.

Our voting system "cost" Gore the 2000 election. It is also why we have only two significant parties. Other systems have been studied and used elsewhere that remove the spoiler effect and enhance the democratic process. We should adopt one of them here.

An excellent introduction to voting systems and voting reform is http://www.wikipedia.org/wiki/Voting_system.

David Strozzi is a graduate student in the Department of Physics.

Ralph Nader and those who voted for him were accused of costing Gore the election. As a Nader voter, I do not take these charges lightly.

Deploying Troops To Eastern Europe

Daniel Barclay

The American military is currently repositioning its forces around the globe. Shifting bases within South Korea, removing them from Saudi Arabia, and reducing their number at home make manifest sense to accommodate changing global conditions. But one proposed move attracts more controversy: transferring troops based in Germany to Eastern Europe. While this plan is logical from a macroscopic perspective, pragmatic considerations call its feasibility into question.

Advocates emphasize the long-term strategic advantages. In a post-Cold War, post-September 11 environment, security threats are most likely to emerge from the Middle East and its environs. Relegated to staging areas, European bases should lend themselves to rapid response. Small, light bases in proximate Eastern Europe seem to fit this criterion — and would cost less to maintain, given the lower cost of living and reduced need for support of dependents. Furthermore, they would help stabilize local countries, akin to the post-World War II role they played in Western Europe.

Also worthy of note are the potential political benefits. Germany opposed recent U.S. policy in Iraq, and yanking its bases could conceivably discourage such behavior in the future. Switching to the more receptive governments of Eastern Europe would reward them for their support, assuage any civil-military tensions, and reduce the risk of noncooperation in times of conflict. It might also ease political pressure on Turkey, which would no longer be the sole source of ground basing capability in the region.

The strategic arguments against the move are quite weak — Germany is far removed from global hot spots, and American troops will have to leave sooner or later. But should they leave now? Various obstacles indicate otherwise, foremost the generally poor infrastructure of Eastern Europe. Mediocre transportation and communication links could hinder theater coordination, supply chains, and the all-important rapid response capability. Also, many of the bases slated for use are derelict Soviet facilities in need of significant renovation — this costs money, which would no longer be available in subsidies from the Germans and is in short supply among the less affluent Eastern European nations.

These factors may combine to depress morale, as most soldiers would not appreciate leaving the cushy bases of Germany for a more rugged life away from their families. While Eastern Europe's lower cost of living expenses may seem attractive, they bespeak an important problem — lower living conditions, period.

So what's the verdict? In the short term, redeployment seems dubious. As a practical matter, Eastern European bases are unlikely to fulfill their primary rationale of significantly faster response anytime soon. Even if they do, that will not be of much help for extended operations such as Iraq.

But long-term interests must ultimately be paramount. Germany is no longer a geostrategic location, and excepting Ramstein its bases have outlived their expediency. Eastern Europe offers an alternative. While infrastructure is in bad shape now, it will only improve as the region develops. Even if redeployment is currently unwarranted, that will change in the near future — with the cost function trending downwards and the benefits more or less constant, at some point the two will intersect. American troops will move to Eastern Europe eventually.

Military planners might as well press ahead at the first opening, which the reconstruction of Iraq provides. If they can prepare the Eastern European bases for occupancy before troops return from the Middle East, that will create a golden opportunity to carry out the transfer without having to overcome the inertia of a stationary force. And needless to say, soldiers will react more favorably to their new quarters if the recent basis for comparison is not Germany, but Iraq.

Western Europe has hosted American troops for the past half-century. Now it's the East's turn.

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CLASSICAL REVIEW

A Resurrection of Sorts

Cambridge University Orchestra Performs Mahler

By **Jeremy Baskin**
ARTS EDITOR

Cambridge University Musical Society
Orchestra and Chorus
Stephen Cleobury, conductor
Carolyn Foulkes, soprano
Catherine Denley, contralto
Kresge Auditorium
Sept. 27, 8 p.m.

One should always be a bit wary of a concert whose advertisements focus so heavily on the dignitaries in the audience as opposed to the supposedly superlative product on stage. Surely, one hopes, there will be more to the concert than seeing President Vest with his eyes firmly fixed on the woodwinds or the vice-chancellor of Cambridge University staring intently at the organist.

There was a healthy crowd in attendance at Kresge Auditorium on Saturday night, but were

we there to look or to listen? In any case, we were treated to the latest manifestation of the multifaceted exchange program between MIT and Cambridge University. Last year, MITSO traveled to Cambridge, England, to perform, among other pieces, Mahler's Symphony No. 1 (Titan), and the favor was returned on Saturday with a concert featuring the Cambridge University Musical Society Chorus and Orchestra in Mahler's Symphony No. 2 (Resurrection).

So much for cultural exchange. What if the American college orchestra had performed Gershwin and Copland in the original Cambridge last year and the British college orchestra had brought Britten and Holst to the new world? Instead, both orchestras beat their proverbial chests with the symphonies of Mahler, those quintessentially masculine creations.

The first musical impression of the evening was how dry the cellos sounded in the opening bars of the first movement, Allegro

maestoso. Maybe it was the unusually large number of people who attended the concert (upwards of three quarters of the hall was filled), or simply the cavernous space that is Kresge Auditorium.

Or perhaps it was simply a matter of timidity on the part of the players, a timidity that was unfortunately emulated by the violins later on and the ever drifting horn section throughout the evening.

The piece contains five movements, the outer two of which are, well, Mahlerian in size, with the middle three being of a more modest size and scope. It is in the inner movements where the performance showed bursts of inspiration.

The second movement, a minuet and trio, Mahler-style, featured a sublime pizzicato section, which came as a surprise, given that the strings fell apart more than once in other parts of the evening when the bows were on the strings.

Except for a slightly impatient but amply talented principal, the clarinet section shone in the third movement, a scherzo, though one did get the sense that the orchestra was conducting the conductor at times. That, however, isn't always a bad thing.

Like most Mahler symphonies, the Resurrection has choral and solo vocal parts, and the

melting voice of contralto Catherine Denley, who sang the poem Urlicht in the fourth movement, couldn't have come too soon. Both her and soprano Carolyn Foulkes, who joined in the final movement, captured the emotional element that had been lacking up to that point.

When they sang the duet near the end of the piece, I was reminded of why composers tend to give their sweetest melodies to the voice. You wouldn't want a bad reed to get in the way of God's words.

And speaking of divine emotion, how did the performance fare as a whole? The Resurrection symphony is a difficult one to pull off in a unified way. Composed over a six-year period, it starts out like a tone poem and ends like an oratorio, with marches and scherzos in the middle.

One has to summon not only all of one's human abilities but also the full gamut of emotions, mortal and otherwise. This performance may have started out flat, but it ended unified, with a strong chorus, made up of members from Cambridge University, MIT, Harvard, and the Tanglewood Festival Chorus, supporting the orchestra.

On Saturday night, Jesus wasn't quite resurrected, but a performance, which by 8:25 p.m. I had written off for dead, came to life before it was all over.

INTERVIEW

Not Cho Average Comedian

Margaret Cho Talks About Sex, Clothes, and What She'd Do as Governor of California

By **Jessica O. Young**

Margaret Cho is not running for governor of California and she is not being sued by the RIAA. But Margaret Cho, one of the funniest comedians of our time, is coming to MIT this Friday, October 3.

You may know Cho from her short-lived

NBC series, *All-American Girl*. Or perhaps you read her book or took in her movies *I'm The One That I Want* and *Notorious C.H.O.* But however much you think you know about Margaret Cho, you've got a lot to learn.

Cho is about to release a rap CD, on which she adopts the character of a pediatrician named emcee M.C. But unlike 50 Cent or P. Diddy, Cho is doing this one for the children.

The CD — an effort to educate kids about health — features songs such as "Manic Depression" and "I want FTD's, not STD's." Cho says she raps "in the style of really hardcore gangsta rap about the food pyramid, the dangers of smoking, osteoporosis, and more." But don't worry 50, Cho claims to be an awful rapper.

Cho, currently on her Revolution Tour, is stopping by MIT on her way. She will talk about the world and politics, among other things. As a

comedian raised in California, Cho is very interested in politics. She said that if she were elected governor of California, she would make "a very, very strong effort to see that the amendments that ban same sex marriages do not get passed," and "would also put a stop sign at the end of [her] block." She believes in equality for everybody, more money for education and health care, and a focus on the future. All this from the woman who proudly wears MC Hammer pants, though she admits that, "they're not flattering to anybody."

Actually, Cho came out with her own clothing line. In a joint venture with designer Ava Stander, Cho, via the Internet, introduces us to her line: High Class Cho. Available at <http://www.highclasscho.com>, the line features "high end quality for low end pricing." Cho does indeed wear her own clothing, and chances are good that she'll be modeling some of it on October 3 during her show.

Cho is known for being one of today's raunchiest comedians. She explains why, "The generation that my parents are of is very puritanical.... They just kind of ignore that women have sexuality at all, or consider it very dangerous. Therein lies a weird reactive thing in me that makes me want to be even more lewd, or outrageous, because it is a direct assault on the way I was raised. And it works."

Cho jokes about everything from experimenting in college to experimenting after college. And she won't tone anything down for the MIT community, either: "I don't edit anything, ever. I never have."

If you have a spare moment, check out

Cho's Web site, <http://www.margaretocho.com>. The site, chock full of helpful and fun information, also features Cho's Web log. The blog, updated frequently, is hilarious. And though she does not associate herself closely with a religion, Cho writes daily as a spiritual offering. Cho advises that we "pace our time on Earth with something creative."

And if you want to know even more about Cho, head over to <http://www.imdb.com>, where there are two people asking for Cho's hand in marriage. Sorry guys — Cho hadn't even noticed. "I never research myself online, never ever." Cho spends a lot of time online, but mostly on eBay, writing, or e-mailing. "I do a lot of research on different things that I like to write about." Sounds like she'll fit in pretty well here.

Cho went to nursing school for six months, but by the end she dropped out, because she "couldn't deal. We got the oldest cadavers ever. They were handed down from the 'good' medical schools. Yet no matter what they teach you in school, laughter is the best medicine. Story telling is very healing. When I can laugh at something, I'm free of it." And Cho is indeed so funny, that sometimes she has to laugh at her own jokes.

Cho may not be running for governor of California — unlike everybody else — but she will definitely be showing MIT all that she's got to offer this Friday. Do yourself a favor and go.

Margaret Cho will be performing at Kresge Auditorium on Friday at 8 p.m. Tickets are \$5 for students, and detailed information is available at <http://web.mit.edu/fall>.



MARGARET CHO

Comic Margaret Cho will shock the MIT community on Friday night with her unconventional brand of humor.

RESTAURANT REVIEW

The Real Seafood Place for Locals

If You're Sick of Legal and Low on Cash, Try Village Fish

By **Ruby Lam**

Village Fish
22 Harvard Ave., Brookline, Mass.
(617) 566-3474
Lunch: Mon.-Fri., 11:30-2:30
Dinner: Mon., 4:30-9:30; Tue.-Thu., 4:30-10; Fri.-Sat., 4:30-11

Many of my out-of-town friends always ask me, "Where is the best place to have seafood in Boston? Is Boston the seafood capital of the United States?" I am not so sure, but many think so. I wish I could give them more recommendations than just telling them to go to Legal Sea Foods.

I like Legal Sea Foods, but going there too often could break the bank. For the locals who dine on a budget, I think Village Fish in Brookline is probably the best.

Freshness is key. With fresh ingredients, seasonings and cooking methods need not be fancy to create a great meal. And this is exactly how Village Fish distinguishes itself from

other seafood restaurants.

The best way to start at Village Fish is at their raw bar. Half a dozen of littlenecks, half a dozen of cherrystones, and half a dozen of oysters is always the way to go. They are all freshly chucked and you can still smell the freshness from the sea on each of them when they are served.

In addition to the raw bar, the fried calamari is another great starter on the menu. They are crisp and freshly fried and go very well with lemon juice and cocktail sauce. You also get a very nice portion for the price you pay. These starters go best with a nicely chilled beer and there is a wide variety of beer, draft and bottle, from which you can choose on the list. When we were done with the starters, we were already half full.

For entrees, the diavlo is their signature dish. Diavlo is a linguini dish topped with spicy red sauce, and it comes with lobster (for two), seafood, or crab (special, not on regular menu). The lobster diavlo for two is a classic. Its portion is large enough to feed at least four people. I tried the crab diavlo this time for a

change. It was delicious, but it would be even better if the crab had been cleaned more properly and had had the inedible parts removed before cooking.

On the fish menu, you can find a wide variety of fish to choose from: swordfish, shrimp, lobster, monkfish, salmon, bluefish, trout, etc.

Many special items were written on the chalkboard as well. Grilled or broiled, all these fish entrees come with salad or pasta. I am a big fan of flaky fish, so I like to order scrod. Scrod is so flaky that it can only be broiled, and can't be grilled. I am a bit disappointed that they don't have Chilean seabass, though I do understand that many restaurants have already banned Chilean seabass from their menu because of extinction threats.

The dessert menu is a little weak, so we went to LA Burdicks for hot chocolate instead. Nonetheless, Village Fish is a great place to bring your out-of-town friends for authentic New England-style seafood at a great price.

You could be the next Roger Ebert!



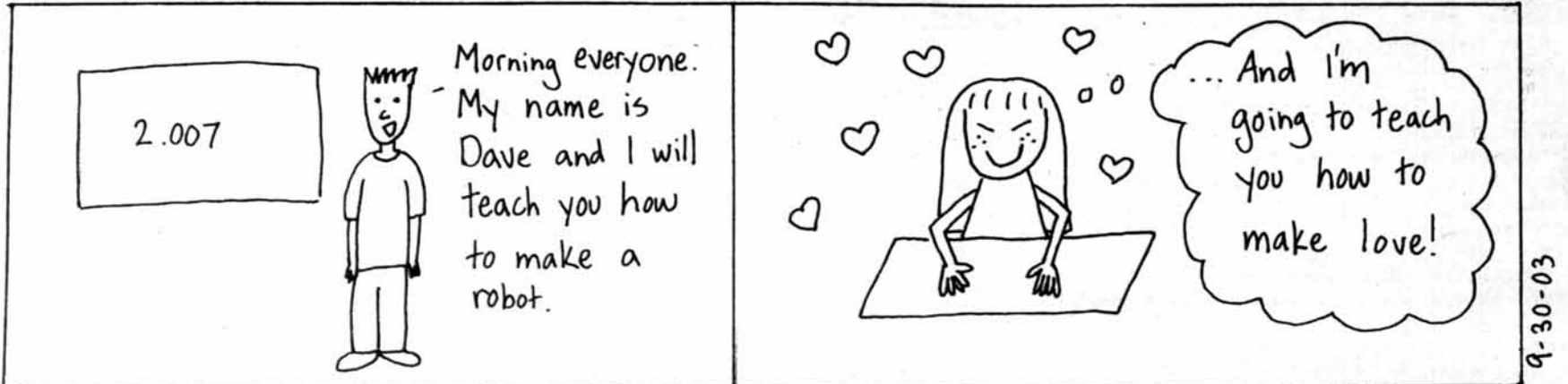
Flex your thumbs.

Join the Tech.

join@the-tech.mit.edu

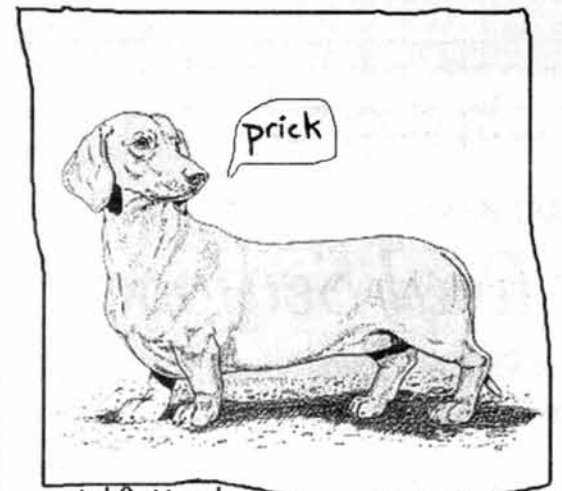
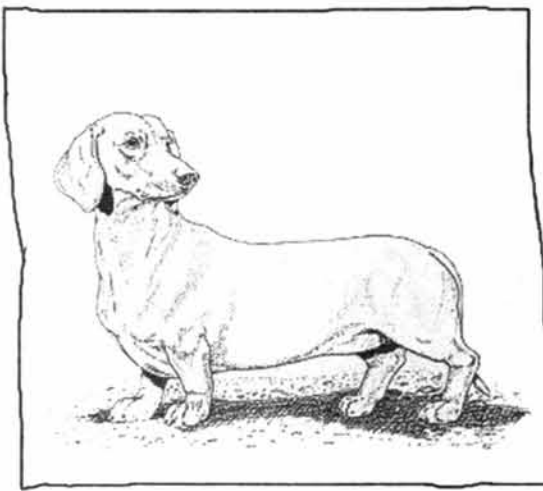
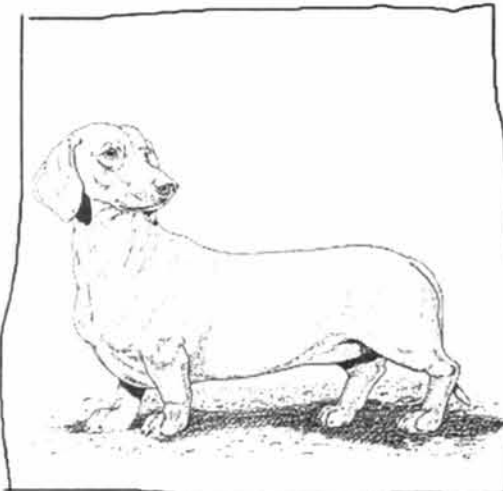
Hay Fever

by. Qian Wang+Jennifer Peng



Thanks to Taku, Rob and Laura...
the best fans ever! JPeng

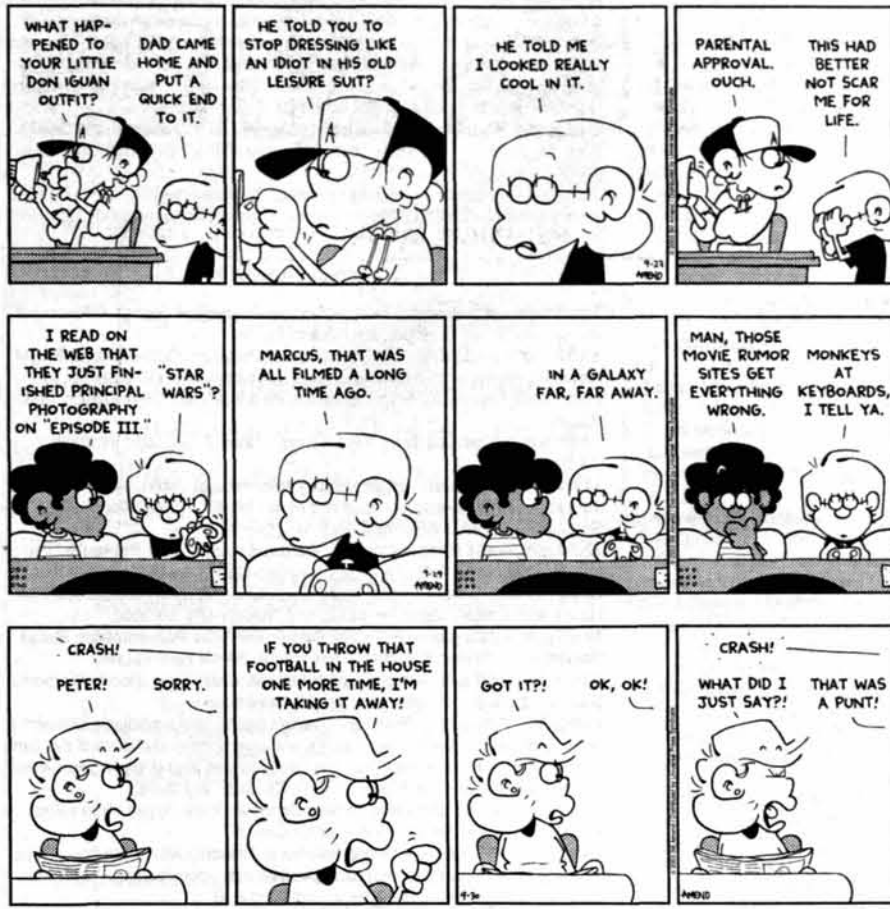
Mike, the Dog



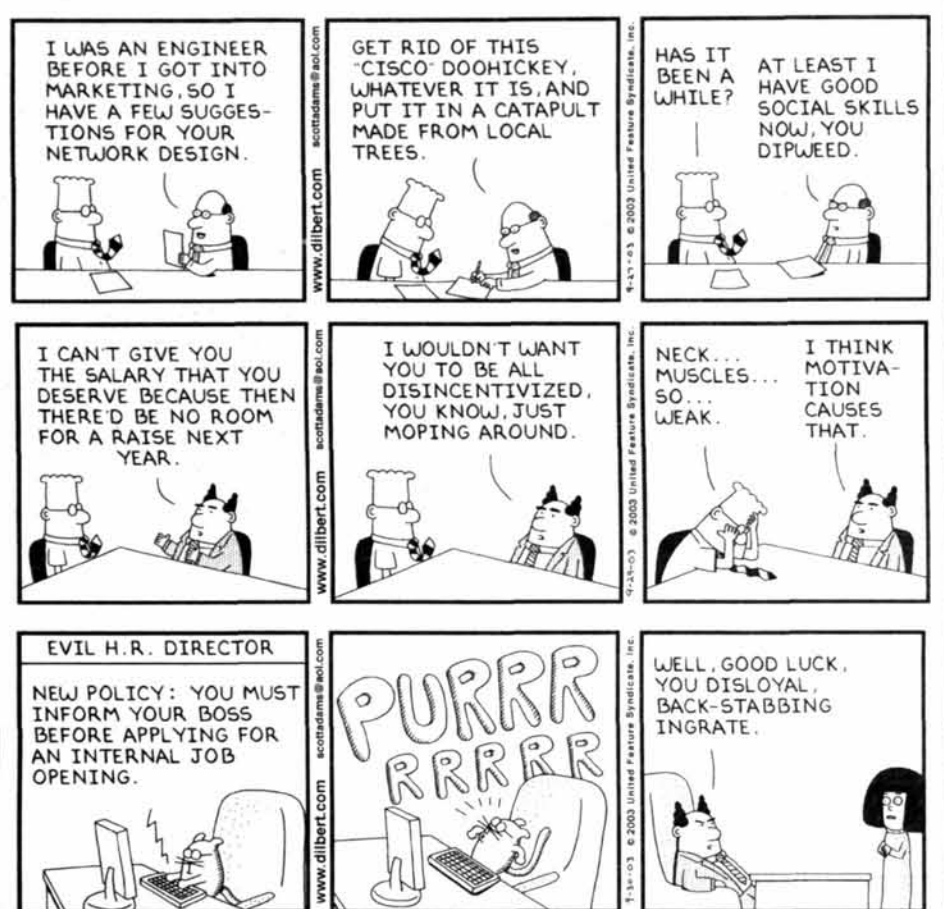
prick@mit.edu



FoxTrot by Bill Amend



Dilbert by Scott Adams



Crossword Puzzle

Solution, page 20

ACROSS

- 1 City in Transylvania
- 5 Took flight
- 9 Key of Beethoven's "Eroica"
- 14 Top-drawer
- 15 Humdinger
- 16 Sierra
- 17 Offend slightly
- 18 Cantor and Lupino
- 19 Cheap jewelry
- 20 Front attachment: abbr.
- 21 Four-time Winston Cup runner-up
- 23 Marsh plants
- 25 Nautical assents
- 26 Gemsbok
- 28 Tenets
- 33 Legend car maker
- 36 Garden tool
- 39 Enthusiastic opinion
- 40 Ayn and Sally
- 41 Best pitcher
- 42 Stratum
- 43 Choir member
- 44 Eight bits
- 45 Chicago airport

DOWN

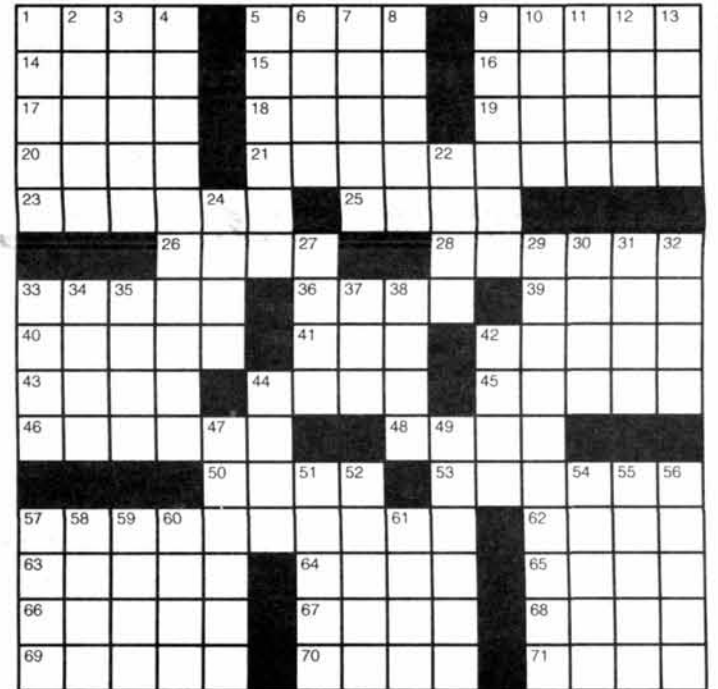
- 46 Singer Richie
- 48 Final Four org.
- 50 "Star Wars" princess
- 53 Expose
- 57 Three-time Indy-500 winner
- 62 Ship part
- 63 Inventor Howe
- 64 Twitches
- 65 Thought
- 66 Murphy of movies
- 67 Uncommon
- 68 In of
- 69 Golfer Calvin
- 70 Burden
- 71 Oodles

8 Shadowy

- 9 Half of UTEP
- 10 Cold feet
- 11 Missing
- 12 Against
- 13 Young adult
- 22 Persian's contemporary
- 24 Notable periods
- 27 Medical shot?
- 29 Five-time Monaco Grand Prix champion
- 30 Writer Angelou
- 31 Assert confidently
- 32 Very dry
- 33 Asian sea
- 34 Colombian metropolis
- 35 Biblical preposition
- 37 Do something
- 38 Acute
- 42 Cash advance
- 44 Cordon
- 47 French palace
- 49 Swearwords
- 51 Emcee's lead-in
- 52 Thai or Korean

54 Sound

- 55 Wintry precipitation
- 56 Mann or Kinski
- 57 Horn sound
- 58 Ye Shoppe
- 59 Wait
- 60 Switch partner?
- 61 Light tan

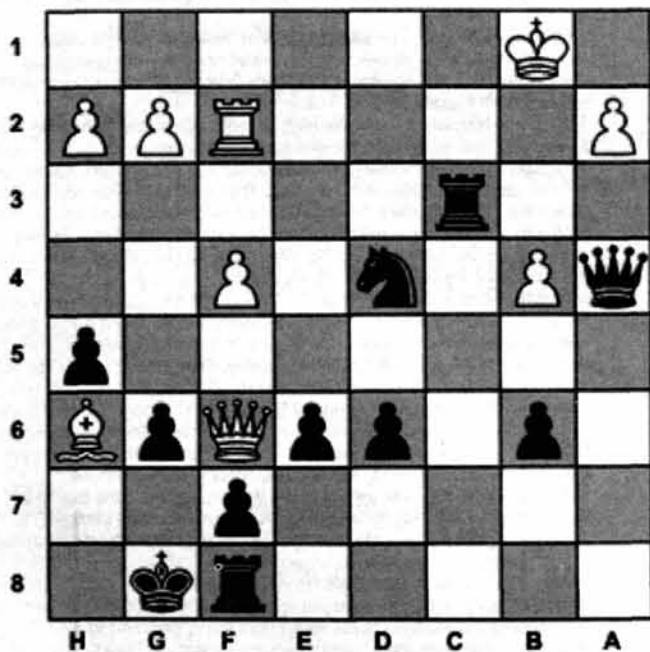


ChessMate

Composed by Armando Valdes

Difficulty Level 3

Black to move - Mate in 3



Comments? E-mail chessmate@the-tech.mit.edu
Solutions on page 20

The MIT School of Engineering

announces the following opportunities open to eligible Sophomore and/or Junior students in the School of Engineering and the School of Science who are interested in a career in mathematics, the natural sciences, or engineering:

THE BARRY GOLDWATER SCHOLARSHIP

Up to \$7500 per academic year

Sophomore scholarship recipients are eligible for *two* years of scholarship support

Junior scholarship recipients are eligible for *one* year of scholarship support

For further information

general:

contact:

<http://www.act.org/goldwater/>

<http://mit.edu/engineering/goldwater.html>

<http://mit.edu/acadinfor/#schol>

Donna Harding: 3-3366,
dharding@mit.edu

MIT Faculty Representative:
Associate Dean Dick K.P. Yue
MIT School of Engineering

Events Calendar

Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event.

Contact information for all events is available from the Events Calendar web page.

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, September 30

10:00 a.m. – Admissions Information Session. Groups over 15 people need to make special reservations. Free. Room: Admissions Reception Center, (Building 10, Room 10-100). Sponsor: Information Center.

10:00 a.m. - 11:00 a.m. – MIT/WHOI Joint Program Coffee-Donut-Bagel Hour. An opportunity for MIT and WHOI based students to interact on the days when Joint Program classes are held in Woods Hole, Tuesdays and Thursdays throughout the semester. Room: Woods Hole Oceanographic Institution Student Center, 3rd Floor, Clark Laboratory South. Sponsor: WHOI Student Organization. GSC, EGSA.

10:45 a.m. – Campus Tour. Student-led campus tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Informations Session. Free. Room: Lobby 7. Sponsor: Information Center.

12:00 p.m. - 1:00 p.m. – BrioQuery 6 Quick Start. This quick start introduces you to the MIT Data Warehouse Web site and how to get authorized to access data. Pointers to instructions for downloading and installing BrioQuery will be given. You'll take a tour of the BrioQuery 6 environment and tools. You'll learn how to download and run an MIT standard report. BrioQuery version 6 features will be compared to version 5.5 and changes in the new version will be highlighted. Room: N42 Demo Center. Sponsor: Information Systems.

12:00 p.m. - 1:00 p.m. – Government of Singapore Investment Corporation (GIC) On-Campus Presentation. You should not miss this event if you are interested in potential summer internship or full time employment opportunities with GIC. They recruit investment professionals on an "as needed" basis for its headquarters and international offices. Free. Room: E51-315. Sponsor: MIT Sloan Asian Business Club.

12:00 p.m. - 1:00 p.m. – Modern Optics and Spectroscopy. Free. Refreshments served. Room: 34-401. Sponsor: Spectroscopy Laboratory.

12:10 p.m. - 1:00 p.m. – GABLES Lunch. GABLES is the M.I.T. gblt staff & faculty group. The lunch is an opportunity for us to gather in a social environment to meet and greet one another. It is also a venue for us to talk about issues of interest to the M.I.T. and larger communities. Our colleagues from the wider community are invited to join us. free. Room: Various. Sponsor: GABLES.

12:30 p.m. - 3:30 p.m. – Real Estate and the Political Process. Brian W. Blaesser, Robinson & Cole, Mr. John M. Ingram, Vice Chairman - Mills Corporation, William H. McCabe - New England Development, and Terry Szold - MIT Department of Urban Studies and Planning. Free. Room: W31-301. Sponsor: Center for Real Estate.

2:00 p.m. – Admissions Information Session. Free. Room: Building 10, Room 10-100. Sponsor: Information Center.

2:30 p.m. - 3:30 p.m. – Diffusion-Limited Aggregation in a Channel. Free. Room: Building 2, Room 2-338. Sponsor: Physical Mathematics Seminar.

2:45 p.m. – Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center.

3:00 p.m. - 4:00 p.m. – MITea Time – Culture Exchange – English Chinese Class. Our free English class is good for newcomers to get started on their English conversations in a very friendly environment. It is also good for people who have interest in learning the American culture, American lifestyles, etc. Lots of interesting topics and discussions will be a good start for your English learning. Feel free to come and have wonderful discussions with our native English teachers. Refreshments will be served. Free. Room: 5-134. Sponsor: Chinese Student and Scholar Association, Graduate Student Council. MIT CSSA & GSC.

4:00 p.m. - 5:30 p.m. – GARDNER LECTURE - Apollo astronaut Harrison Schmitt. Dr. Harrison H. Schmitt lectures on "Trip to the Moon and the Legacy of Apollo." Free. Room: Bartos Theatre, E15-054. Sponsor: AeroAstro. New England Section of the American Institute of Aeronautics & Astronautics.

4:00 p.m. – Varsity Men's Soccer vs. Gordon. Free. Room: Steinbrenner Stadium.

4:00 p.m. - 6:00 p.m. – Future of VC. Panel Discussion of the Future of the VC Industry. Free. Room: E51-345. Sponsor: MIT Venture Capital and Principal Investments Association.

4:00 p.m. – MecSeminar: Collaborative Structural Engineering Based on Distributed Product Models. Free. Room: 1-350. Sponsor: Geomechanics and Geomaterials.

4:00 p.m. - 5:00 p.m. – Nuclear Theory Seminar. A new window on Strange Quark Matter as the ground state of matter (and Strange Stars). Free. Room: Center for Theoretical Physics - Bldg. 6, third floor seminar room. Sponsor: Laboratory for Nuclear Science.

4:30 p.m. – Emile Bustani Middle East Seminar. "Unpopular Muslim-World Governments: Can Washington Live With (Or Without) Them?" Free. Room: E51-095. Sponsor: Center for International Studies.

4:30 p.m. - 9:00 p.m. – Rainbow Lounge Open. MIT's resource lounge for lesbian, bisexual, gay, transgendered, and questioning members of the community offers a place to hang out, various activities, and a lending library during its open hours. Free. Room: 50-306. Sponsor: lbgt@mit.

5:00 p.m. – 1st Student Mural Project Deadline. All submissions must be original 2-dimensional creations. Winning design will be reproduced as a high quality wall-sized print 7' x 8-10' to be displayed in E15 for one year. All submissions are to be handed in to Michèle Oshima (E15-205) by 5 p.m. Free. Room: E15-205. Sponsor: Office of the Arts Special Programs.

6:00 p.m. - 7:00 p.m. – the mit e-club weekly tuesday meeting. the regular weekly tuesday meeting of the mit entrepreneurs club, aka: the e-club, an mit service organisation, where students, faculty, staff and alum gather to pitch, hear, crit and discuss their new science and technology start-up ideas, network, build 50k or independent founders' teams, and more; stay for our mit 6-credit seminar sem.095 on tech start-ups (sem.089 in fall term). Free. Room: 56-114. Sponsor: Entrepreneurs Club.

6:30 p.m. - 9:30 p.m. – "Alecestis" Auditions. MIT Community Players production of play by Euripides, translated and adapted by Ted Hughes. Directed by Bob Mussett. Call-backs: Oct 1. Free. Room: 5-217. Sponsor: MIT Community Players.

7:00 p.m. – Architecture Lecture. Talk by Frano Violich, Kennedy & Violich Architecture, Ltd., Boston, MA. Free. Room: Rm 10-250. Sponsor: Department of Architecture.

7:00 p.m. - 9:00 p.m. – Origami Paper Folding. From sea-life to colorful, geometric structures for shows, we fold it all. Come fold paper with us at our bi-monthly, low-key origami sessions. Often one of our more advanced members begins with a short talk about folding theory/research or presents an original model. Our membership consists of many beginners as well as some nationally recognized folders. Want to fold those angelfish to hang from your ceiling, learn how to fold that tiny foil unicorn for your roommate's gift, or fold something huge as a team? This is the place to make it happen. Bring your favorite origami books and come see ours. Confront your fears – a therapeutic way to get your mind completely off your day for an hour with fun people who will teach you anything you need to know. Free. Room: 4-144. Sponsor: Origamit.

7:00 p.m. - 9:30 p.m. – Farewell Dinner for CMI MIT Exchange Students. Free. Room: W11 - Religious Services Center. Sponsor: Cambridge-MIT Institute (CMI) Undergraduate Exchange Office.

7:00 p.m. – Varsity Women's Volleyball vs. WPI. Free. Room: Rockwell Cage.

7:30 p.m. – "A Midsummer Nights Dream." Cambridge University American Stage Tour. \$8, \$6 students. Room: Kresge Little Theater. Sponsor: Music and Theater Arts Section.

8:00 p.m. - 10:30 p.m. – Contra Dance for All. Equinox Gala Live Music Dance with a partner (we'll provide) and a group to jazzy live music. All dances taught; all skill levels welcome. Contra Dance is a traditional American form of folk dancing, directed by a caller and accompanied by exciting live music. It uses easy-to-learn walking steps. You dance with a partner, changing partners each dance, in a line of couples called a 'set' and interacting with your partner and all the other couples in a big group-theoretic pattern. A caller first explains each dance in a 'walk-through' and then continues to prompt you during the dance. Light refreshments are served at the break halfway through.

MIT students free; other students \$3; non-students \$5. Room: Building 13 Lobby. Sponsor: Folk Dance Club. Music for Robin.

9:00 p.m. - 11:00 p.m. – LIVEmusic@theEAR: Chimp Simple. Sting goes crazy and kidnaps Johnny Cash and Eddie Van Halen, trying to make a run for the Canadian border. But little does he know that Frank Black is hiding in the trunk, wearing a pair of thick black glasses stolen from Weezer and holding between his teeth a capo that he found while trespassing backstage at a Matchbox 20 show. When the surviving members of The Four Tops are flown in to do hostage negotiation, the resulting explosion is sampled and eventually appears on yet another posthumous Notorious B.I.G. album, produced by Fatboy Slim. Welcome to the Chimp Simple experience. Must be over 21. Proper ID required. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

Wednesday, October 1

10:00 a.m. – Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

10:45 a.m. – Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center.

12:00 p.m. - 1:30 p.m. – Faculty Workshop "Managing the faculty's role in startups." Faculty discuss the challenges in determining their position in a startup as it relates to their academic and entrepreneurial roles. Panelists are four successful faculty entrepreneurs, some of which left MIT and others that have balanced their dual roles. Free. Room: TBD. Sponsor: Deshpande Center for Technological Innovation.

12:00 p.m. - 1:30 p.m. – Anime and Fandom: What 'Otakuology' tells us about Japan and the Culture of 'Otaku'. The self-proclaimed "Otaking", Mr. Toshio Okada is synonymous with Japanese animation and anime fandom. Okada cofounded the Gainax Studio and was a lecturer at Tokyo University on 'Otakuology' (colloquial for 'geek' or 'maniac'). His numerous printed works include 'Introduction to Otakuology', 'Lost Future', and 'The Hesitant Road of the Otaku.' Okada served as screenwriter for the seminal 'Otaku no video' (1992), a classic mockumentary of fandom. Free. Room: Ashdown House, West Dining Hall. Sponsor: Anime Club, MIT, MIT Japan Program, Center for International Studies.

12:00 p.m. - 1:30 p.m. – The Shiite Factor in Gulf Politics. Free. Room: E38-615. Sponsor: Center for International Studies, Security Studies Program.

12:00 p.m. - 1:30 p.m. – The Future of Nuclear Power: An Interdisciplinary MIT Study. An interdisciplinary MIT faculty group studied the future of nuclear power because it is an important option for meeting electricity needs without emitting carbon dioxide. The economics, safety, waste management, and nonproliferation challenges of enabling a possible global mid-century deployment of about 1000 GWe were addressed through a set of findings and policy recommendations. Free. Room: E40-496. Sponsor: Laboratory for Energy and the Environment.

12:30 p.m. - 1:30 p.m. – PLC Toastmasters Meeting. Guests are always welcome at Toastmasters meetings! Gain confidence as a public speaker and have fun at the same time! Free. Room: W89 (Professional Learning Center), Room 305. Sponsor: Toastmasters, MIT Organization and Employee Development, Human Resources.

2:00 p.m. – Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

2:00 p.m. - 3:00 p.m. – String Theory Seminar. Matrix Cosmology. Free. Room: Center for Theoretical Physics-Building 6-third floor seminar room. Sponsor: Laboratory for Nuclear Science.

2:45 p.m. – Campus Tour. Free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

3:00 p.m. - 5:00 p.m. – spouses&partners@mit weekly meeting: Share your Culture. Please bring one item that reminds you of your home that you would like to share with the group. It could be a book, song, food, piece of clothing, photograph, or anything else that is special to you. Of course, if you are the quiet type, you can simply come, listen, and learn! Childcare provided. Free. Room: W20-400. Sponsor: spouses&partners@mit, MIT Medical.

4:00 p.m. – USC-Boalt-Duke-Chicago Law Panel. This panel will consist of representatives from each law school. Information will be provided about the individual law school's curriculum, admissions practices, and much more. There will be time for attendees to ask questions of each admissions representative. Free. Room: 4-149. Sponsor: Career Services Office.

4:00 p.m. - 5:30 p.m. – Navigating Your Job Search. Discover ways to look for full time positions through traditional methods, such as on campus recruiting, and the hidden job market. All workshops require pre-registration. Register for workshops at <http://web.mit.edu/career/www/services/workshops.html> and choose Calendar of Workshops. Free. Sponsor: Career Services Office.

4:00 p.m. - 5:00 p.m. – LBGT Issues Group Meeting. The Issues Group is a committee of faculty, staff, and students committed to ensuring that LBGT individuals are welcomed and affirmed by MIT and its community. Free. Room: Rainbow Lounge (50-306). Sponsor: lbgt@mit.

4:00 p.m. – Varsity Women's Soccer vs. Simmons. Free. Room: Steinbrenner Stadium. **4:15 p.m. - 5:15 p.m. – Invariants and Covariants of the Symmetric Group, A Noncommutative Version.** Refreshments at 3:30 p.m. in Room 2-349. Free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

5:30 p.m. - 6:30 p.m. – General Council Meeting. Room: GSC Office, Walker Memorial (Bldg. 50) Room 220. Sponsor: GSC Meetings.

6:00 p.m. - 8:00 p.m. – Graduate Christian Fellowship Bible Study. Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Acts. Free. Room: 66-369. Sponsor: Graduate Christian Fellowship, GSC Funding Board.

6:00 p.m. - 8:00 p.m. – Wednesday Night Dinner. Weekly dinner. Share a meal with a friend. For McCormick residents and friends on the guest list. \$6.50. Sponsor: McCormick Hall.

6:00 p.m. - 9:00 p.m. – Start up Clinic. Through our Start-up Clinics, attendees discover how to present a plan to potential investors. Two pre-selected companies present their business plans and receive feedback from a panel of experts and the audience over an informal dinner. This clinic is most useful for entrepreneurs and companies who are beginning the fund-raising process. Presenters must have full business plans. Pre-registration is required for this event. See website for posting. Room: MIT Faculty Club, 50 Memorial Drive E52, 6th Floor. Sponsor: MIT Enterprise Forum of Cambridge, Inc.

6:30 p.m. - 9:00 p.m. – Martha Buskirk: "Object Lessons." Martha Buskirk, Associate Professor of Art History and Criticism at Montserrat College of Art, will discuss issues raised in her recently published book "The Contingent Object of Contemporary Art" Free. Room: Bartos Theater. Sponsor: List Visual Arts Center.

7:00 p.m. - 8:00 p.m. – Bible Study. Weekly Bible study held by the Baptist Student Fellowship. Free. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry.

7:00 p.m. - 9:00 p.m. – MIT \$50K Competition - Panel. Intellectual Property. Free. Room: 54-100. Sponsor: MIT \$50K Entrepreneurship Competition.

7:00 p.m. - 9:00 p.m. – AAIL Sector Analysis Group. Meeting of the AAIL Sector Analysis Group. Free. Room: E51-376. Sponsor: MIT User Groups.

7:00 p.m. - 10:00 p.m. – TMRC Build Time. These are our normal meeting times, when we build the layout! Free. Room: N52-118. Sponsor: Tech Model Railroad Club.

8:00 p.m. - 10:00 p.m. – IFILM Film Seminar. Screening of a movie followed by a discussion. Light refreshments provided. Free. Room: 4-237. Sponsor: International Film Club, GSC Funding Board.

8:00 p.m. - 10:00 p.m. – Weekly Wednesdays. Free wings and an assortment of vegetables, sponsored by various departments, residences and affinity groups, are provided in the Muddy Charles Pub for graduate students to enjoy while catching up with friends and making making new ones. Students can also enjoy the cheap beverages (including many non-alcoholic options), Red Sox on the DirecTV, and (new) wireless internet access. Free. Room: The Muddy Charles Pub.

8:00 p.m. - 12:00 a.m. – Boston Underground Film Festival. Film Festival. \$9.00/\$6.00 for seniors and students. Room: 10-250. Sponsor: MIT AV.

8:00 p.m. - 11:00 p.m. – Israeli Folk Dancing (participatory). Israeli Folk

Dancing Early Teaching at 8:00 p.m., followed by teaching and requests until 11:00 p.m. Beginners are always welcome. Family dancing usually occurs from 7:00 p.m. - 8:00 p.m. each week. Great for kids of ALL ages! To confirm family dancing for a given week, and for up-to-date announcements about each week's dance, see our Yahoo Group. Free for MIT students; donations welcome. Room: Lobby 13. Sponsor: Folk Dance Club.

8:30 p.m. – Bachelor in Paradise (1961). Directed by Jack Arnold. 109 min. Free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

9:00 p.m. - 11:30 p.m. – Swing Dancing. Beginners welcome, no partner necessary. Free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society, GSC Funding Board.

Thursday, October 2

10:00 a.m. – Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

10:00 a.m. - 11:00 a.m. – MIT/WHOI Joint Program Coffee-Donut-Bagel Hour. Room: Woods Hole Oceanographic Institution Student Center, 3rd Floor, Clark Laboratory South. Sponsor: WHOI Student Organization. GSC, EGSA.

10:45 a.m. – Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center.

11:00 a.m. - 1:00 p.m. – High Holiday Information Table. Information available about High Holiday services and meals at MIT. Room: Sloan Lobby. Sponsor: Graduate Hillel, Hillel, MIT.

12:00 p.m. – MIT Chapel Concert. Baroque music from Bayreuth. The music of Kleinknecht. Na'ama Lion, baroque flute; Julia McKenzie and Laura Guley, violins; Sarah Freiberg, cello; Michael Sponseller, harpsichord. Free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section.

12:00 p.m. - 2:00 p.m. – MIT/CRE Career Services Presentation: Retail Sector. Free. Room: W31-301. Sponsor: Center for Real Estate.

1:00 p.m. - 2:00 p.m. – Weight Watchers at Work! Free. Room: Women's Lounge-Room 8-219. Sponsor: Weight Watchers.

1:00 p.m. - 7:00 p.m. – Rainbow Lounge Open. MIT's resource lounge for lesbian, bisexual, gay, transgendered, and questioning members of the community offers a place to hang out, various activities, and a lending library during its open hours. Free. Room: 50-306. Sponsor: lbgt@mit.

2:00 p.m. – Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

2:00 p.m. - 3:30 p.m. – Winning Interview Techniques. Learn how to prepare effectively for an interview and practice with your peers. All workshops require pre-registration. Register for workshops at <http://web.mit.edu/career/www/services/workshops.html> and choose Calendar of Workshops. Free. Sponsor: Career Services Office.

2:45 p.m. – Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center.

4:00 p.m. – Varsity Women's Tennis vs. Tufts. Free. Room: DuPont Tennis Courts/JB Carr Tennis Bubble.

4:00 p.m. – Varsity Men's Soccer vs. Colby-Sawyer. Free. Room: Steinbrenner Stadium.

4:00 p.m. - 5:00 p.m. – MIT Atmospheric Science Seminars. "Lagrangian Coherent structures: Applications to Directed Observations in the Ocean." Free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

4:00 p.m. - 5:00 p.m. – CEE Graduate Students meet with CEE Dept. Head. Meeting for CEE graduate students with Prof. Patrick Jaillet, CEE Department Head, for a presentation and discussion on the strategic direction for the department, the changes under way, and what it means for CEE graduate students. Free. Room: 26-100. Sponsor: CEE Administrative Staff.

4:15 p.m. - 5:30 p.m. – Physics Colloquium Series: Scientists & K-12 Education: can we make a difference? The Physics community is invited to enjoy light refreshments in the Physics Common Rm prior to the lecture at 3:45 p.m. Free. Room: 10-250. Sponsor: Physics Department.

4:15 p.m. - 5:15 p.m. – Toward Choice-Based Revenue Management. Operations Research Center Fall Seminar Series. Seminar reception immediately following in the Philip M. Morse Reading Room, E40-106. Free. Room: E40-298. Sponsor: Operations Research Center.

5:00 p.m. - 6:30 p.m. – Marketized, Feminized, Medieval: Spatial Rights and Regimes in the Era of Neoliberalism. This talk examines three regimes of territorialized citizenship that together constitute the logic of present-day neoliberalism. In marketized regimes, states behave as entrepreneurs rather than regulators, and even further, corporations become the state. In feminized regimes, poor women are imagined and valorized as key agents of development and leaders of their communities. In medieval regimes, the city is carved up into competing zones of sovereignty with civil society groups, be they homeowner associations or religious fundamentalist groups, establishing de facto rule. What do such processes mean for rights, particularly the right to the production of space? What are the ways in which such forms of citizenship are contested and negotiated? Free. Room: E-38-714. Sponsor: Center for International Studies, Women's Studies Program, Department of Urban Studies and Planning, Program on Human Rights & Justice.

5:30 p.m. - 7:00 p.m. – Weekly Grad Student Bible Study for Absolute Beginners. Weekly informal Bible study for grad students; refreshments provided; lbgt welcome. Free. Room: W11-007. Sponsor: Lutheran-Episcopal Ministry.

6:00 p.m. – Varsity Women's Field Hockey vs. UMass-Dartmouth. Free. Room: Jack Barry Field.

6:00 p.m. - 8:00 p.m. – Dr. Spiros Jamas, MIT '87, President & CEO, Enanta Pharmaceuticals. "The Toughest Cut: Paring down research." Free. Sponsor: MITEntrepreneurshipCenter. MIT Sloan BioPharma Business Club.

6:03 p.m. - 7:00 p.m. – Weekly meetings. Regular meeting of the core group at Muddy Charles. Free. Room: Muddy Charles. Sponsor: Techlink.

6:30 p.m. - 7:30 p.m. – "The Insider Guide to Landing a Job in Management Consulting." Informal perspective on working at management consulting companies by MIT alums and ex-MIT SEBC officers. Free. Room: 6-120. Sponsor: Science and Engineering Business Club. McKinsey & Co.

7:00 p.m. - 9:00 p.m. – Graduate Christian Fellowship Bible Study. Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Ephesians. Free. Room: W11-080. Sponsor: Graduate Christian Fellowship, GSC Funding Board.

7:30 p.m. – Natyanjali – An Evening of Indian Classical Dance. \$5 MIT, \$7 non-MIT. Room: Kresge Little Theater. Sponsor: Natya.

7:30 p.m. - 9:30 p.m. – Chess Club Meeting. A prominent player of the club will talk about some ideas in the opening. Then it will be designated time for play! Free. Room: Student Center, PDR 1&2. Sponsor: Chess Club.

7:45 p.m. - 10:00 p.m. – MIT Women's Chorale First Rehearsal. New members are welcome until Oct. 16. Free. Room: Emma Rogers Room (10-340). Sponsor: MIT Women's Chorale.

8:00 p.m. – Greek Comedy Tour. Outrageously funny comedy from Steve Hofstetter and Josh Jacobs. Proceeds to benefit Magen David Adom. \$5 students, \$8 non-students. Room: 10-250. Sponsor: Alpha Epsilon Pi.

8:00 p.m. - 10:00 p.m. – IFILM Film Seminar. Free. Room: 4-237. Sponsor: International Film Club, GSC Funding Board.

8:30 p.m. - 10:00 p.m. – Underwater Hockey. Free. Room: Z-Pool. Sponsor: Scuba Club, GSC Funding Board. Scuba Club, Undergraduate Association.

9:00 p.m. - 10:00 p.m. – Coffee Hour. Food and drink - an Ashdown tradition. Free. Room: Hulsizer Room (W1). Sponsor: Ashdown House.

9:00 p.m. - 1:00 a.m. – Night out at the Burren. Outing to the Burren in Davis Square. Free. Room: The Burren. Sponsor: Hibernian Society.

10:00 p.m. - 11:59 p.m. – Movie Night. Movie and food - free for all!! Room: Big TV Room (W1). Sponsor: Ashdown House.

11:59 p.m. – Campus Disc Golf. Do you like tossing a disc? Do you enjoy friendly competition? Or if you're just up for midnight antics, then come on out! Meet outside the Student Center on the front steps, and don't forget to bring a disc! Don't hesitate to come, newcomers are always welcomed - We meet every Thursday at midnight. Questions, contact Daniel Turek, macygyver@mit.edu. Bring your own disc! Room: Student Center steps. Sponsor: Campus Disc Golf.

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Thursday, October 2, 2003**6:45 p.m.****MIT Faculty Club, East Dining Room**

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Mandatory Payment Likely in Dining Plan

Dining, from Page 1

students, others already have an alternative. "I cook my own dinner," said MacGregor resident Cynthia D. Walker '07. "It's cheaper, and it's better for me."

She said that she would probably continue to cook for herself even if the dining hall were opened at MacGregor.

The fact that some students do not prefer to eat at their residence dining halls suggests that a mandatory down payment, such as the \$200 Residential Dining Discount Program at Baker, Next, and Simmons, is necessary to keep dining halls afloat.

"I think [the payment system] is working to some extent," Berlin said. "Participation is better with this implementation."

He said that Simmons, with its mandatory \$200 payment for residents, made more profits than Baker and Next because the mandatory pre-payments coupled with 50 percent discounts acted as an incentive for students to eat in the dining hall.

At Baker and Next House, the payment is only mandatory for freshmen.

Berlin said that he hoped that the rates could also be adjusted over

time, so that discounts earned back would be approximately equal to the original down payment.

No construction timeline exists

Currently, there is no estimate for when McCormick and MacGregor dining facilities would be operational. Once the logistics of the dining halls are worked out, and if they are indeed possible, the facilities need to be brought up-to-date.

"That's one of the things that needs to be thought about, because we haven't even gotten to the point of coming up with an actual physical plan to redo [McCormick's] dining hall," Stewart said. "My own desire is to have something available next fall, but we'll have to see if that's possible."

East Campus still lacks dining

Despite the possible growth of West Campus dining, East Campus is not likely to see any new dining halls in the near future, because it does not have the facilities to support a residential dining program. Walker Dining in the past served dinner, but was closed because it only received about 60 people a night and was not generating enough revenue, Berlin said.

"There is recognition on our part that East Campus needs some things. We plan to ... determine how [Pritchett Grill] should change to support the East Campus community," Berlin said.

The lack of adequate dining facilities is something that some students at East Campus have complained about.

"It's really irritating because there's no dining in East Campus," said Robert E. Langford '07, an East Campus resident. "The Pritchett Grill is not so great. It's edible, but it's greasy."

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MIT Department of FACILITIES CAMPUS CONSTRUCTION UPDATE

Ames Street

Beginning on September 22 and continuing for approximately eight weeks, telecommunications conduit (duct bank) will be installed along sections of Main and Ames Streets. The construction will take place in several stages and will have a major impact on pedestrian and vehicular traffic. The surrounding area may experience vibration, noise, and dust.

Amherst Alley

Beginning September 29 and continuing through November, emergency excavation and piping repair will take place. Two-way traffic from Mass. Ave. to Danforth Street and parking in the Kresge Lot will be unaffected. Parking along Amherst Alley will be eliminated and marked with No Parking signs.

Brain and cognitive sciences project

Albany Street and Main Street have been narrowed to accommodate steel erection. Parking on both sides of Main Street from Albany Street to the railroad crossing will be eliminated. Pedestrian sidewalks along the site will be moved into the street and protected with barriers.

NECCO Building Conversion

The backhoe positioned on Cross Street will be removed soon. Dump truck traffic will continue on Cross Street as excavation continues. Cross Street adjacent to Edgerton House will be partially blocked by cranes, and parking may be restricted. Noise, dust, and increased traffic will occur.

Vassar Streetscape

Beginning September 29 and continuing for one week, blue striping and other bike markings will be applied to the street level bike lane and sidewalk level cycle track. Sections of the bike lane/cycle track will be closed for several hours at a time as paint is applied. Pedestrians are asked to stay off cycle track while bike markings are applied.

For more information on MIT's building program, visit web.mit.edu/evolving. This information provided by the MIT Department of Facilities.

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Schedule of Upcoming Events:

Consulting Panel	Thursday, October 2
Investment Banking Panel	Thursday, October 9
Finance Panel	Wednesday, October 15
Marketing Panel	Tuesday, October 21
Case Interview Workshop	Tuesday, October 28
IT Panel	Thursday, November 6
2007 Rep Interviews	Late November

Emails will include further details as events approach.

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Massachusetts resident Alan Lightman, author of the acclaimed *Einstein's Dreams* and the National Book Award-finalist *The Diagnosis*, pens a haunting and highly original story of identity and memory in *Reunion*. When Charles, a middle-aged professor at a minor liberal-arts college, magically witnesses a replay of his senior year at college, he must confront contradictory versions of his past—and face up to a series of devastating events that forever altered his life. In crystalline prose at once precise and mysterious, Lightman explores the pain of self-examination, the shifting sands of memory, and the impossible hopefulness of youth.

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Broader Interests Drive Review

GIRs, from Page 1

badly broken," he said, but "a lot of things have changed over the years."

Redwine said that there remained "a strong consensus on the existence of a core," but that "less may be more" in the area of required classes.

Redwine said that MIT is open to the possibility of implementing an alternative to the GIRs, although no plans currently exist.

In an e-mail, Vest wrote that the outcome of the review "could be revolution, evolution or reaffirmation."

More information, like the timetable for the task force's work, is expected to be announced when Vest gives his charge to the task force.

Effect of greater diversity unclear

"There is no question that the breadth of interest of our students ... have changed enormously during the last two or three decades," Vest wrote. "We should acknowledge and understand this."

Redwine said that "very bright students these days tend to have a lot of interests" and can make stronger connections between classes in different fields.

However, he said, the effects are "not totally clear," and would take

further study.

He said he expected that the task force will not loosen the requirements but might "try to integrate it a bit more" instead.

Talk of engineering GIR class

Professor Jerome H. Milgram '61 said at the faculty meeting that he was "surprised" that there was "no thought given to how to introduce what engineering is" to freshmen.

He said that perhaps students could have the option of biology or an "Introduction to Engineering" course as one of their requirements.

Many freshmen, he said, do not appreciate how essential the math and physics GIRs are to engineering, but "might have a lot more interest ... if they knew how well" those courses fit in with engineering subjects.

"It seems to me almost obvious we should have it," he said, but "it's very hard for me to find what can afford" to be cut in the GIRs to make space.

Lab requirement being questioned

Redwine said that he has hardly ever heard of a faculty member who's satisfied with the Institute Lab requirement.

The requirement was originally "meant to be something where the student had a significant place in

designing the experiment," he said, but department offerings sometimes fall short.

Currently, an undergraduate at MIT is required to take 12 units of classes designated as Institute laboratories.

Redwine said that research jobs through the Undergraduate Research Opportunities Program have in part "taken the place" of the lab requirement.

"It's probably telling us the original goal of lab requirements may have been unrealistic," he said.

The Electrical Engineering and Computer Science department head, John V. Guttag, said that the department was "pretty happy" with the current lab offerings.

"MIT ought to have a lab requirement," he said.

Guttag said that Laboratory in Software Engineering (6.170), which is a required course for computer science majors but is not an Institute laboratory, lets students choose and design their own projects.

Marc A. Kastner, the physics department head, said that a physics project lab was offered for many years, but that fewer and fewer students were taking it. He said that the department would continue to require 8.13 and 8.14, Experimental Physics I and II, even if the Institute lab requirement were lifted.

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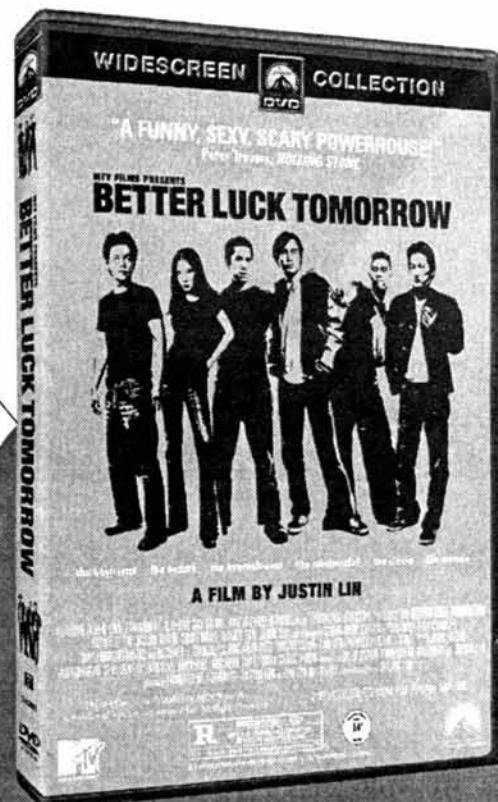
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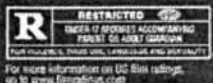
C. W. Nevius, San Francisco Chronicle

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JONATHAN WANG—THE TECH

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CITADEL

Shuttle Brings FSILG Residents Across the Charles

Shuttle, from Page 1

living groups.

The shuttle will have five stops: 77 Massachusetts Ave., the intersection of Beacon Street and Massachusetts Ave., the intersection of Dearfield Street and Bay State Road, on Commonwealth Ave. in front of Sigma Kappa and Alpha Chi Omega, and the intersection of Beacon Street and Hereford Street, Rogers said.

SafeRide mini-bus to be used

One of the existing SafeRide mini-buses will be used as the Boston Winter Shuttle, said John M. McDonald, the assistant director of enterprise services. The bus fits 22 people, he said.

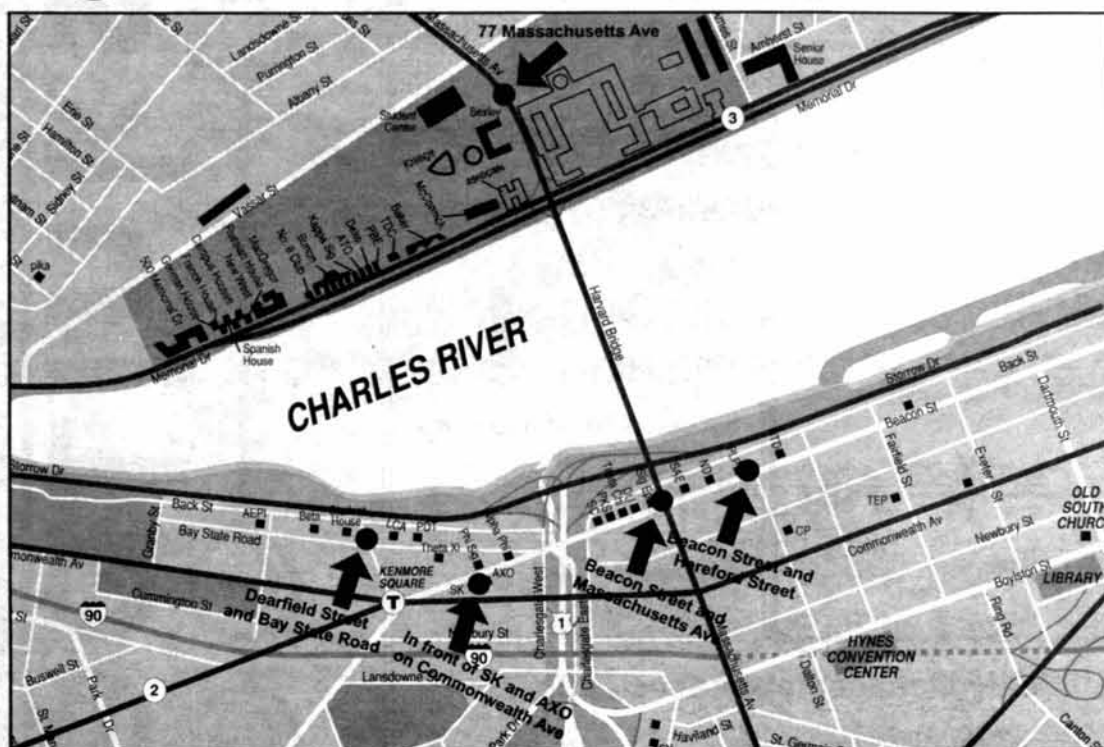
About 1,400 students live in FSILGs, said Laura Martin of the FSILG Office. Out of the 37 FSILGs, 26 are across the river, and the bus will probably be useful to 24 of them, Martin said.

In total, the project will cost about \$30,000. The funding will come from the FSILG Office, Rogers said.

Positive response expected

The shuttle "has been something people have wanted for a long time," said Christine M. Ortiz '05, the president of the Panhellenic Association.

"It will eliminate concerns that people have about transportation,"



The Boston Winter Shuttle will have four stops in Boston before returning to 77 Massachusetts Ave.

she said.

"More and more people will get used to it and then they may need to increase the number of trips of the van," said Gustavo A. Gil '04, a member of Pi Lambda Phi. "I know that I will certainly use it."

"I myself probably would not be using the shuttle as much, since I use a bike to get around campus," said Julia E. Thrower '05, from Student House.

However, she said she thinks that many other people from Stu-

dent House would use it.

Some may not use shuttle

Although most students living across the river would have the shuttle available to them, some are unsure of whether they would actually use it.

"I would probably use it, but I don't want to wake up fifteen minutes early," said Adrienne F. Yandell '05, a Sigma Kappa member. "If it's going to get there on the hour or hour 'o five, I would probably just take the bus," she said.

"Most of the people who live across the river have bus passes, which are really cheap," Yandell said.

A monthly bus pass costs \$9.50.

Ortiz is confident that the Boston Winter Shuttle will be prompt. "It may be possible to track the shuttles online using the GPS; we do have the capabilities," he said.

A student project funded by the MIT-Microsoft iCampus alliance added Global Positioning System receivers and radios to MIT shuttles earlier this year. The shuttles can be tracked at <http://shuttletrack.mit.edu>.

Rogers says the route will be evaluated as the program proceeds. "Our goal is to make it less than thirty minutes," he said.

"We are really not sure about the demand," Ortiz said. "We will have to see what it will be like eventually."

The transportation sub-committee of the Graduate Student Council is also working with the administration to "assess the feasibility of altering routes or starting new routes to better serve graduate students," said R. Eric Caulfield, the GSC president.

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Solution to Crossword

from page 9

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Solution to Chessmate

from page 9

1. [...] Qxb4+ 2. Rb2 Rc1+ 3.
Kxc1 Qe1#

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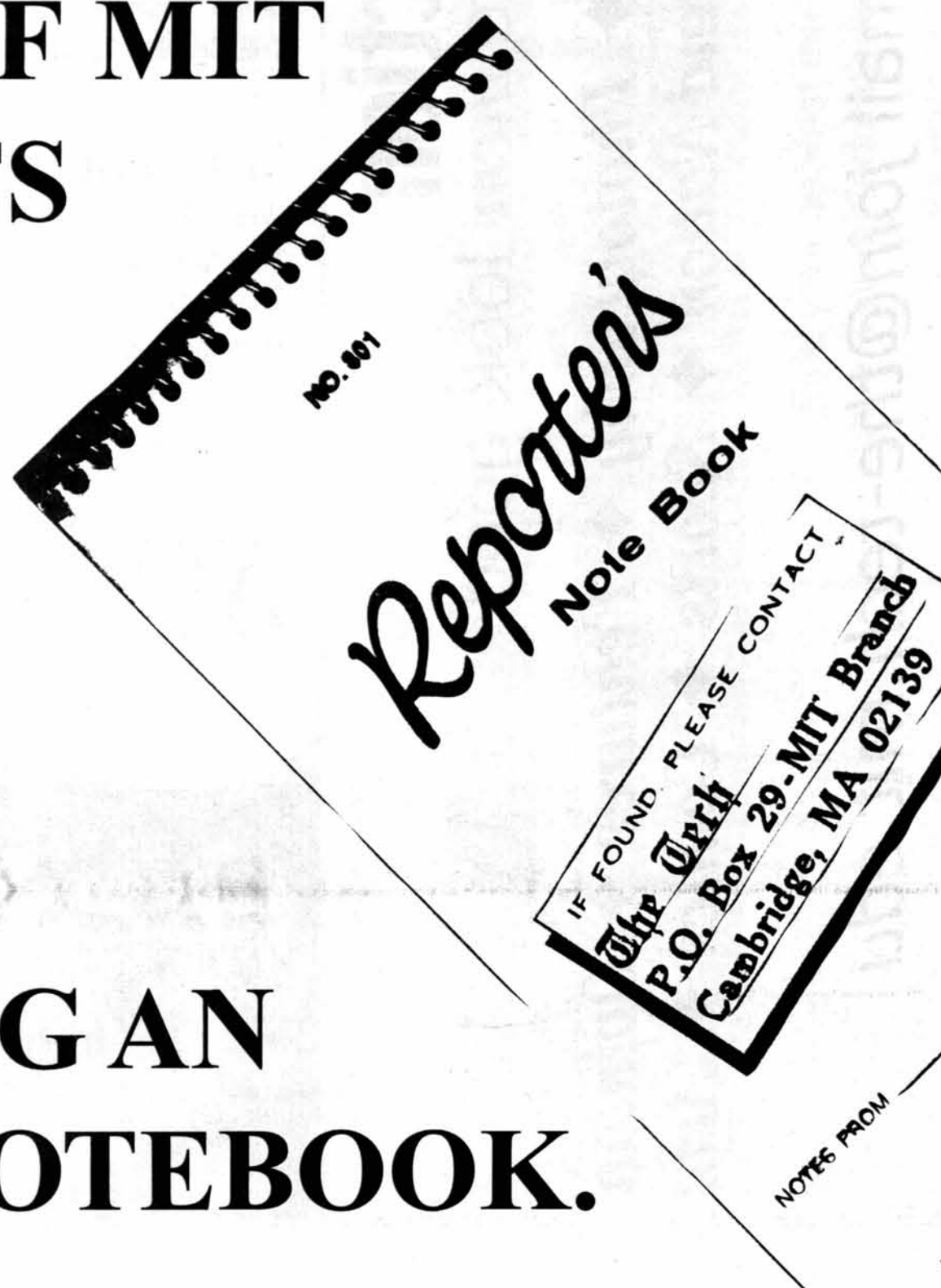
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The Tech's Predictions: Yankees, Sox, Braves, and Marlins

By Yong-Yi Zhu

Finally, the playoffs are here. Boy was I excited a week ago, when it seemed like every team in the National League would have a chance to make the postseason.

Column

Between the Astros, Cubs, Dodgers, Marlins, and Phillies, I was expecting some huge complicated playoff before the playoffs. But the Marlins swept the Phillies, and the Cubs won their games against the Reds and Pirates to dispel all the potential drama. Well, a whole new drama will start today, when the playoffs open. Some things never change, like the Yankees and Braves.

But some things just seem out of place, like the Cubs and the Marlins. It's been a crazy season, and I hope it's an ever crazier postseason. But no matter what the playoffs bring, it's October; it's baseball; and it's time to watch and enjoy. Sorry 6.002, I've got other plans this week.

American League: Yankees/Twins

I don't anticipate any surprises from this series. The Yankees are just too offensively talented. Look at their lineup; I don't really see any holes. Whom can you casually pitch to? From Alfonso Soriano, to Derek Jeter, to Jorge Posada, to Nick Johnson, you really can't play around all that much with them. Of course, the big man in the middle, Jason Giambi, can go deep at anytime, anywhere.

The Yankees' pitching isn't too shabby either. Mike Mussina, 17-8 with a 3.40 ERA, has had a great season and is ranked fourth in strikeouts. Roger Clemens, despite the fiasco about getting his 300th win earlier in the season, has put quite a campaign together. He is 17-9 with an ERA of 3.91. Andy Pettitte has been exceptional as well, going 21-8 with an ERA of 4.02.

Those three pitchers alone should do a lot of damage to the Twins' lineup that features a slew of good, but not exceptional hitters, including Torii Hunter and Jacque Jones. The Twins' pitching is also relatively weak, as they are starting Johan Santana, 12-3 with a 3.07 ERA in the first game against the Yankees. Overall, I think the Twins have nothing to lose, but they will lose all that. Too young? Too inexperienced? Whatever it may be, the Yankees are just too good.

Pick: Yankees to sweep the Twins

American League: A's/Red Sox

Definitely an interesting series. To say that it's the pitching of Oakland against the hitting of the Red Sox really isn't fair. The Red Sox, in a shortened series, can potentially throw Pedro out there twice. And if Pedro pitches like Pedro, that should be two easy games. He does lead the AL with an ERA of 2.22, after all. The question is whether or not Derek Lowe and Tim Lincecum can hold up. They've played relatively well, or else they would not be in the playoffs right now, but can they survive under playoff pressure?

The A's, who didn't start with an effective offense, have picked it up lately. They also feature Barry Zito and Tim Lincecum, two of the best young pitchers in the game. Can those two contain the likes of Nomar, Manny, Bill Mueller and David Ortiz? If they can, then the A's really have a shot. Otherwise, Boston will walk away with the series. All in all, the series is going to be close, even if each individual game might not be.

Pick: Boston wins in 5

National League: Braves/Cubs

Ah, the Atlanta Braves. Man, they must hate the Cubs right now. It was supposed to

be another odd-numbered year where the Braves can just pummel the Astros in the playoffs so they can move right along to the NL championship series. After all, they have done it pretty much throughout the last decade. But, Sosa and the Cubs would not see to that, and the result is going to be the best first round match-up of the playoffs. The Cubs have pitching, pitching, and more pitching. They will start Kerry Wood, Carlos Zambrano and then Mark Prior. Boy, do the Braves have their hands tied there.

This Cubs seem like the Braves of the past, bringing in lots of good pitching. The consolation to the Braves is that they've done quite poorly when they've brought nothing but pitching. Sure, the Cubs have that Sosa guy, but one player out of nine isn't going to hurt the Atlanta pitching all that much.

The Braves, on the other hand are an offensive juggernaut for once. Their first six or seven hitters are all great and can all go long. Javy Lopez will catch all the games, even Maddux's. The weirdest thing about this series is that neither Greg Maddux nor Tom Glavine will pitch in games one and two of the series. Man, the times have changed.

Pick: Braves in 5

National League: Giants/Marlins

Well, come to think of it, this match-up won't be so bad. Outside of Barry Bonds, there's nobody spectacular in the Giants' lineup. That week when Barry was gone, the Giants just sat there and died offensively. They don't have that much pitching either, outside of Jason Schmidt, who does sport a 17-5 record with a league best ERA of 2.34. Ponson has been okay, but not outstanding.

Good thing is that the Marlins don't have that much of an offense. Mike Lowell has cooled off substantially and they are now offensively led by Juan Pierre and Luis Castillo. The Marlins have the slight edge in pitching, as they can throw Brad Penny, Dontrelle Willis, and Mark Redman at the Giants. I may be still the only one in the world who doesn't believe the D-Train is here to stay, but he has played decently in his last few starts. They may just have enough juice in this department here to knock off the Giants.

I think with the way the Marlins have been playing recently, if they continue with the momentum they've gathered, the Wild Card Express will steamroll it's way through San Francisco. Well, maybe more of a slow roll.

Pick: Marlins in 5

By Phil Janowicz

SPORTS EDITOR

The falling of the leaves and the sharing of equal amounts of sunlight across the globe signal playoff baseball. For those of you who have been living under a rock or in a cluster the past

Column

week, all the rioting is for the Red Sox's clinching the Wild Card. It was quite fitting that the Red Sox clinched their playoff berth at Fenway on Fan Appreciation Night.

After their slaughter of the Orioles, the Red Sox stormed out of the dugout when Mendoza struck out the last batter and celebrated. Owner John Henry decided that the champagne showers shouldn't be kept to the players and bought enough for the Red Sox to spray on the fans behind the dugout.

To start the celebration, Kevin Millar grabbed the microphone and thanked the over two million fans who graced Fenway this year. Millar said that this celebration is just as much for the fans as it is for the players themselves. Millar then told the fans and players that in the postseason, they need to "cow-boy up."

David Ortiz then went over to Millar and started singing "Born in the USA" with Millar and a teenage Millar on the Jumbotron. As the fans were still cheering wildly, Tim Wakefield grabbed a bottle of champagne and sprayed it all over the season-ticket holders behind the dugout so they could "taste the sweet victory along with us." No other team that I can think of is as in tune with their fans as this year's Red Sox.

This edition contains the divisional series playoff predictions, and this Friday's edition will feature year-end awards.

American League: Yankees/Twins

The Twins have MVP hopeful Shannon Stewart and good pitching in Johan Santana, but that's about it. Sure, their bullpen is one of the better of the playoff teams, but it's hard to hold a non-existent lead.

Pick: As much as it pains me to say this, Yankees in 4.

American League: Red Sox/A's

With an offense as unbeatable as the Sox, how can they lose? Throw in a dash of Pedro and a pinch of Wakefield, and you've got the best team in baseball.

Unfortunately for the Mulderless A's, not having an offense despite Billy Beane's superior pitching will leave the A's at home after the AL Divisional Series.

Pick: Sox in 4.

National League: Cubs/Braves

Cubs win! Cubs win! Holy cow, the Cubs are in the playoffs! Wait, they have to face the Braves. Oh.

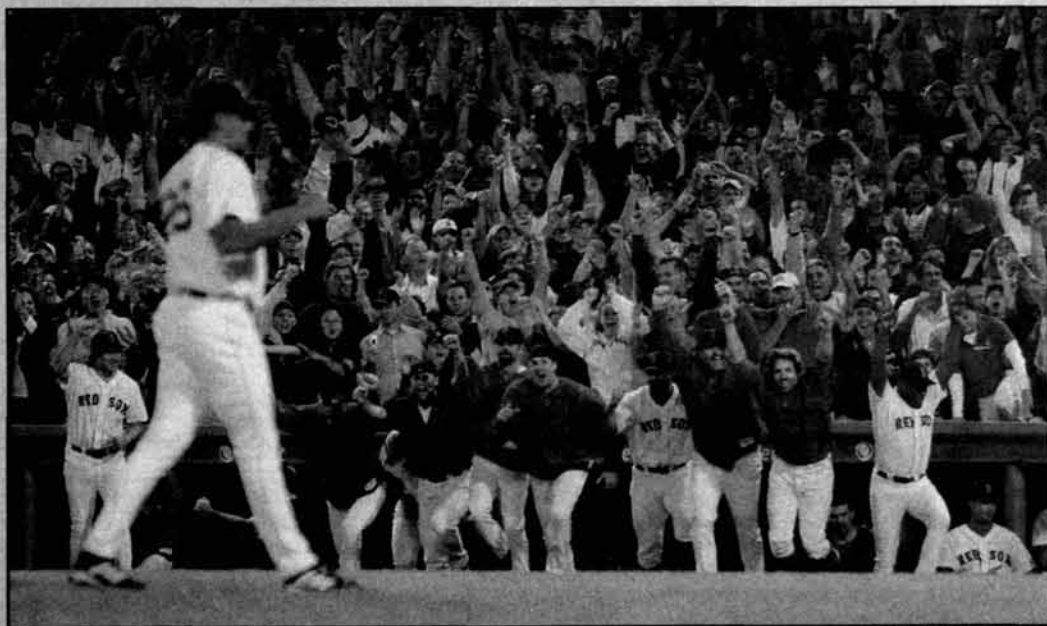
Pick: Braves in 5.

National League: Giants/Marlins

Back in the playoffs since their error-induced World Series victory in 1997, the Marlins have a strong team. They can run on anyone and strike out everyone else. Dontrelle "Whatchu Talkin' 'Bout" Willis has been shaky as of late, but his tune-up on Sunday looked good. Look for the Marlins to surprise many, including the Giants, who will be too busy collecting their Social Security checks to notice.

Pick: Marlins in 4.

Overall, these will be some good playoffs. Maybe we will have Sox/Cubs after all. Just as long as no Yankees are there.



Boston Red Sox reliever Ramiro Mendoza leaves the mound amid cheers celebrating Boston's 14-3 victory over the Baltimore Orioles. The Red Sox's win secured the wildcard position in the American League playoffs.



Diana K. Sterk '06 dribbles past a Bridgewater State opponent during last Thursday's women's soccer game. Sterk scored the single goal to propel the Engineers to a 1-0 victory.

Best 36-hole Tournament Since '98 for MIT Golfers

By Robert Batten

TEAM MEMBER

Two weekends ago, the MIT golf team competed in the Dartmouth Invitational at Hanover Country Club in Hanover, N.H. MIT topped Division I schools including Sacred Heart University, Boston University, and the University of New Hampshire. MIT was two shots behind Providence College. Yale University won the tournament with a total of 585.

In a field of 19 schools, MIT was the only non-Division I team competing. The Engineers improved by 54 strokes over last year's performance in the same tournament, shooting a two-day total of 651, MIT's best 36-hole tournament score since at least 1998.

The sophomore class showed its strength this weekend as Matthew D. Smith '06 shot a career low 76-79 to place tied for 41st. William J. Burke '06 played solid golf as usual with 79-81, and Thomas L. Gray '06 played well, 85-80, despite a few

errant shots. Speaking of errant shots, Robert D. Batten '06 and Lucas A. Ruprecht '04 had their fair share of wayward balls for the weekend as the hilly terrain caught up with them. Ruprecht contributed Saturday with an 86 while Batten contributed Sunday with an 85.

Gray said, "We are really proud of how we played this weekend considering the difficulty of the course, the speed of the greens, how poorly we played here last year. It's intimidating playing the top 20 or so golf teams in New England at such a demanding course, but we showed we belong."

MIT golf proved that its recent success is not just one good weekend. Last week at Bowdoin, MIT Golf had 18-hole rounds of 324 and 336, in addition to Dartmouth's 326 and 325. To put it in perspective, MIT's lowest 18-hole round all last year was 332. Tech Golf competes against another strong field next weekend at Amherst, Mass., in the Toski Invitational.

Play a sport? Write for *The Tech*!
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SPORTS

MIT Soccer Remains Undefeated After Win Over Wheaton College

By Aaron Parness
TEAM MEMBER

The MIT men's soccer team beat the Wheaton College Lyons 4-2 on Saturday at Wheaton to remain undefeated this season. The win improved the team's record to 4-0-1. Wheaton has been the team's biggest rival on the soccer pitch for the last four years, which made the victory especially sweet for the six seniors on the team. Before the match, your Engineers were ranked 10th in New England while Wheaton College was ranked second in New England and 12th in the nation.

MIT started the game very pumped up and had a great scoring opportunity within the first minute on a throw-in into the box. Wheaton quickly countered and had several fantastic opportunities thwarted by the goal-line saves of the hard working MIT defense.

It was not until a substitution twenty minutes into the game, that MIT would score the first goal of the match. Joseramon Torradas '05 came in as a striker and had an immediate impact on the game. A good crossing ball off the foot of Douglas L. Allaire '04 eluded two Wheaton defenders and found Torradas on the far side of the goal.

With the opposing goalkeeper charging, Torradas swiftly tucked the ball just inside the left post from twelve yards out. The bench exploded in celebration as MIT took a 1-0 lead.

Not more than a minute later, a "through ball" found Torradas in scoring position for a second time. The wily striker squirmed between two Wheaton defenders and manufactured another goal, this one with his left foot. The momentum swung hardily in the favor of MIT, silencing the large Wheaton crowd.

The Wheaton players' heads hung low, but they were not going to concede the game. With six minutes left before halftime, a danger-

ous ball was cleared over the end line by co-captain Rory E. Foster '04. On the ensuing corner kick, a Wheaton attacker leapt into the air and smashed a header into the upper corner of the net, reducing MIT's lead to one.

The action-packed first half tired both teams on the hot day, but there was still another 45 minutes to play. Impressively, MIT was able to come out with even more intensity in the second half, hustling to balls with a playoff-like desire. After 15 minutes of hard battle, Tech's other co-captain, Nicholas R. Nestle '04, created just enough room to shoot from the top right of the Wheaton goal box.

The curving right-footed shot slipped past the Wheaton Goalkeeper and boosted MIT's lead to 3-1. Energized by the goal and by the fresh legs of two substitutes, MIT went on the attack again. Torradas received a ball on the right wing and with a quick fake left the Wheaton defender looking to the middle of the field. Torradas laced a low cross in front of two rushing MIT attackers and several back-pedaling Wheaton defenders. The ball made it to the far side of the goal, and Allaire took no time in top-shelfing the ball.

Wheaton was finally able to beat junior goalkeeper, R. Morgan Mills, with a rocket into the corner of the goal, closing the gap to 4-2. Tech soccer was too aggressive and too determined to let the home team favorite get any closer, though.

After the game, long-time coach Walter Alessi praised the team's intensity and effort, calling the game a true team win with incredible bench support. The win will surely boost MIT's reputation, and Tech looks to carry the momentum of this win into the rest of the season. The team mentality seems to be a universal belief that MIT soccer belongs at the top of the rankings.

Beavers Fall to 2-1; Worcester State Has Too Much Firepower

By Tom Kilpatrick
TEAM MEMBER

The MIT football team entered Saturday's matchup against Worcester State with a 2-0 record and high expectations. They knew Worcester's offensive machine would be tough to handle, but in the end it was the toughness of the Lancer defense that kept the Beavers out of the game. Worcester won 41-16.

The Lancer trio of quarterback Cean Oksanish, tailback Greg Wood, and receiver Lavon Cuyler entered the contest as three of the top skill players in the New England Football Conference. All three played well, as Oksanish threw for 220 yards and two touchdowns; Wood ran for 167 yards and three touchdowns; and Cuyler had seven receptions for 88 yards.

The MIT offense, on the other hand, never really got going. Tailback David J. Ostlund '04, coming off a big week against Mass Maritime, only rushed for 40 yards, and Tom Kilpatrick '05, who entered the game as the NEFC's leading receiver, was held to only 50 yards on three catches. It added up to 179 yards of total offense for the Beavers.

Harvey gets things started

Things started on a high note when Phillip T. Zakielarz '05 forced a fumble on Worcester's second play, and Mike Harvey '04 picked it up and ran 72 yards for a touchdown. R. Matt Ramirez '06 added the extra point to give MIT a 7-0

lead.

After the proceeding kickoff, Worcester showed their offensive power by driving 71 yards in nine plays, tying the game at seven. For most of the day the Lancers used a shotgun formation with three wide receivers and one running back. Their no-huddle sets kept the heat on the Beaver defense.

MIT actually held the lead once more in the first quarter. With 6:36 remaining, quarterback Adam Love '07 marched the team 39 yards for a 13-7 lead. Ostlund ran it in from the Worcester seven-yard line for the score. The big play of the drive was a 21-yard pass to flanker Paul Montgomery '07, wide open on a short crossing route.

The second quarter was all Worcester State, as they scored three touchdowns. However, down 14-13, the Beavers had an opportunity to retake the lead after a fake punt in which Terence S. Karnal '07 connected with David Ostlund for a 28-yard pass. The play took MIT to the Worcester 37-yard line, but the drive ended a few plays later with an interception.

Beavers start second half strong

MIT started the third quarter down 27-13 and kicked the ball off to the Lancers. After allowing Worcester to return the ball to the 44-yard line, the Beavers got a big defensive stop and forced a punt.

MIT then put together a nice drive, going 75 yards downfield. A big play was a 23-yard pass to Tom Kilpatrick early in the drive on 3rd

and 10, and later a 12-yard completion to Marcus Carson '07. After reaching the Worcester 10-yard line, a pass on 2nd and 6 fell incomplete in the end zone. A running play got stuffed on third down, and MIT opted for the field goal. Ramirez was good on the 30-yard attempt bringing the score to 27-16.

That was the end of the scoring for the Beavers though, and Worcester tacked on two more touchdowns making it 41-16.

The Worcester State defensive linemen and linebackers deserve credit for stopping MIT's running game. The Beavers did a better job pass-blocking, but the Lancers were still able to bat down several passes and get two sacks.

On the defensive side, MIT played hard but was just asked to do too much. Zakielarz had another big day, leading the team with 10.5 tackles, and defensive end Kevin Yurkerwich '06 had 6.5. Defensive backs David Blau '06, David Shearer '04, Tanis Fidelholtz '04, and Mark Boudreau '05 combined for 21 tackles, reflecting the number of completed passes and running plays that broke into the secondary.

One bright spot on the day was the kicking of Ramirez, who averaged 39 yards over seven punts, including a 57-yard bomb in the second quarter.

MIT (2-1) must regroup this week in preparation for a tough road trip to Curry (4-0). They will likely be without tight end Cody Patrick '05, who injured his ankle against Worcester State.

UPCOMING HOME EVENTS

Tuesday, Sept. 30

4 p.m., Men's soccer, Gordon
7 p.m., Women's volleyball, WPI

Wednesday, Oct. 1

4 p.m., Women's soccer, Simmons

Thursday, Oct. 2

4 p.m., Women's tennis, Tufts
4 p.m., Men's soccer, Colby-Sawyer
6 p.m., Women's field hockey, UMass-Dartmouth

Women's Tennis Gets 4 in a Row

By Caroline Tien
TEAM MEMBER

MIT women's tennis entered its fall season with a slow start, but notched four huge wins in a row to come to its current solid record of 4-2. While barely into their fourth week of play, they already have six matches under their belt.

This year's team is relatively young with four newcomers (Emily Chen '07, Alex E. Coso '07, Joanna L. MacKay '07, and Jennifer A. Hipp '04) and four sophomores on the team. However, so far the team has proven that they have the confidence, poise, and toughness to compete with the best of them.

The Engineers started their season with a close 4-5 loss against a revamped Wheaton College team earlier in September. While they gave their best effort, it just was not enough to break the tie at 4-4.

A week later the Lady Engineers encountered Babson College in a tough, down-to-the-last-point match. Though again losing 4-5, the team competed much better than they did a week prior and fought hard for every point.

The match started slowly with MIT going into singles down 0-3. Fighting off an injured shoulder, Jill L. Konowich '06 lost 6-2, 6-4 at number six singles to bring the match score to 0-4. However, MIT came storming back, with Shima Rayej '04, Caroline Tien '04, Emily Chen '07 and Jen A. Hipp '04 notching hard-fought victories at 1,

2, 4, and 5, respectively. Junior Jaclyn E. Cichon lost her first set 6-2, and was down 0-3 in the second, but fought through many long points to win six consecutive games and the set. However, while the final number three singles victory ultimately went to Babson, Cichon fended off many break and match points to lose by merely one point in the third set.

Not easily disheartened, however, MIT confidently headed into its next match against Smith. The prior week of intense doubles practice paid off as MIT emerged from doubles victorious at 3-0. The doubles teams of Rayej/Konowich, Tien/Cichon, Hipp/Pai, and Elaine Ni '06/MacKay all won decisively, losing merely 10 games out of the 32 total games played.

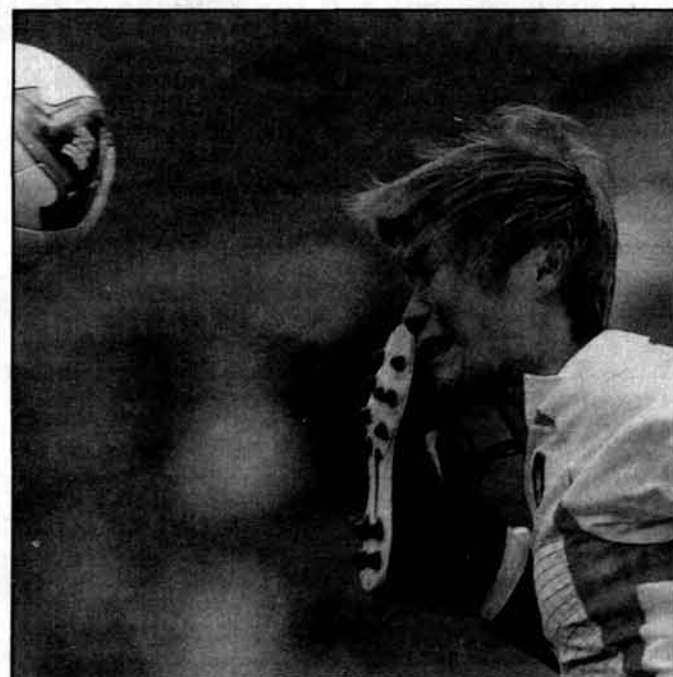
While singles was much tougher, the Lady Engineers pulled through. Rayej won her three-set match 6-4, 4-6, 6-4. Tien had a similarly tough match, winning 6-4, 6-4. While Cichon and Chen set up solid attacks against their hard-hitting opponents, they lost at three and four, respectively. Hipp swept through her first set easily, with a win of 6-1. The second set proved to be much harder though, as she rallied offensively to a win of 7-5. Pai also had a tough match, but her focus and consistent shots came through to give her a close win of 6-4, 6-4, while Konowich and Ni breezed through to victory.

Next on the agenda were Clark and Springfield. Past encounters with Clark proved that the team was not threatening and this year was no different. The Lady Engineers easily swept through their matches losing only nine out of the 36 total games played that day. While Springfield was slightly tougher, MIT still dominated, emerging again with a final score of 9-0.

Last Tuesday, the ladies faced long time rival Wellesley College. Despite the fast and unpredictable Wellesley indoor courts, MIT edged past to win four singles matches and two doubles matches, with a final score of 6-3. Doubles started out intensely with passing shots, close calls, and aces on every side. Rayej/Konowich lost 8-1, but both Tien/Cichon and Pai/Hipp stormed their way to the net to win 8-5 and 8-1, respectively.

In singles action, Rayej played with a combination of power and finesse to win 6-1, 6-4. One court over, Tien was having difficulty putting away points and lost in a close 7-6, 1-6, 6-3 match. Cichon also had a tough time putting away the crucial games to lose 6-1, 7-5. However, Hipp, Pai, and Konowich stepped up to the competition to lose merely six out of their cumulative 36 games played at four, five, and six, respectively.

Next week, the Engineers will host Brandeis and Tufts on Wednesday and Thursday, respectively.



STANLEY HU—THE TECH

Jin Hee Kim of South Korea gets kicked in the face by Solveig Gulbrandsen of Norway during the first FIFA Women's World Cup 2003 game in Massachusetts at Gillette Stadium in Foxboro. Norway defeated South Korea 7-1, advancing to the next round against the United States on Wednesday.

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